

AIM Ann Report
1980 to 1981

ANNUAL REPORT 1980-81

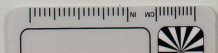


AUCKLAND INSTITUTE AND MUSEUM

AIM Ann Report 1980 to 1981

Front Cover: The new display installation 'Auckland Landscapes' features a model of the volcano Rangitoto made by Mr Leo Cappel of the Museum staff.

Back Cover: The highlight of the year's special exhibition programme was 'Tsutsumu: the art of the Japanese Package'.



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Annual Report
Auckland Institute and Museum
ISSN 0373-6229

For presentation at the Annual General
Meeting to be held on 21st September, 1981

OFFICERS OF THE AUCKLAND INSTITUTE AND MUSEUM

President:

DR R.H.L. FERGUSON, F.R.C.S., F.R.A.C.S.

Past President:

DR J.D. ATKINSON, O.B.E., M.Agr.Sc., D.Sc., F.R.S.N.Z.

Vice-Presidents:

LIEUTENANT-COLONEL A.R. HUGHES, MR G.W. FRATER, MR R.E.
THOMAS, F.C.A.N.Z.

Council:

Representatives of Members of the Institute:

| | |
|-------------------------------|---|
| DR P.J. BROOK, M.Sc., Ph.D. | MR J.M. PRINT, M.A. |
| MR S.G. BROOKER, M.Sc. | MISS JOAN ROBB, M.Sc., Dip.Agr. |
| MR H.V. COOP, F.R.C.S. | MR D.B. ROBERTSON, F.R.C.S., F.R.A.C.S. |
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| DR M.J. TAYLOR, M.A., D.Phil. | |

Representatives of the Auckland City Council:

MR G.D. BARNABY, J.P.
MR I.W. McKINNON, J.P., F.I.C.E., F.N.Z.I.E.
MRS C.A. TIZARD, B.A.

Representatives of Local Authorities:

MR J.D. AUCKRAM, MRS N.J. BOURKE, Q.S.M., J.P.
MRS D.M.E. CLARK, MR C.J. DOONER, A.N.Z.I.A., MR W.R.M.
HARESNAPE, A.N.Z.I.A., A.I.A.A., MR T.S. IMPEY, MR O.E. WALKER,
MRS S.M. WEIGHT, MRS E.A. WYLIE, Q.S.M., J.P.

Trust Board:

MR R.E. THOMAS, F.C.A.N.Z. (Chairman) DR E.H. ROCHE, M.C., M.D., F.R.A.C.P.
MR J.D.O. ELLIS MR J.H. ROSE, Q.S.O., L.I.B.
MR H.C. HOLLAND, O.B.E., F.R.I.C. MR JOHN SEABROOK, C.M.G., A.F.C.

Representative on Member Bodies' Committee, Royal Society of New Zealand:

DR P.J. BROOK

Director:

MR G.S. PARK, M.A., A.M.A.

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STAFF AUCKLAND INSTITUTE AND MUSEUM

Administration

| | |
|--------------------------------|--|
| Director | STUART PARK, M.A., A.M.A. |
| Assistant Director | DAVID SIMMONS, M.A., Dip.Etds. Celt. (Rennes), Dip.Etds.Civ.Franc. (Sorbonne) |
| Director's Secretary | SANDRA OTHAMS |
| Secretarial Assistant | ANNE WILSON |
| Accountant | BRUCE ROBERTSON, B.Com., A.C.A., A.C.I.S. |
| Accounts Clerk | MERLE WILLIAMS |
| Clerical Assistant | ISOBEL CHERRINGTON |
| Receptionist-Telephonist | VERNA DOYLE |

Applied Arts

| | |
|---------------------------------|------------------------------|
| Curator of Applied Arts | BRIAN MUIR, B.A., Dip. Tchg. |
| Hon. Curator of Textiles | JUDY SMITH |
| Hon. Curator of Furniture | WILLIAM ROSS-LOWE, M.B.E. |
| Hon. Horologist | DAVID SMITH, M.A., Ph.D. |

Archaeology

| | |
|---|--------------------------|
| E. Earle Vaile Archaeologist | NIGEL PRICKETT, M.A. |
| Hon. Archaeologist | AILEEN FOX, M.A., F.S.A. |
| Hon. Research Associate in Archaeology | JANET M. DAVIDSON, M.A. |

Botany

| | |
|--|---|
| Botanist | ANTHONY WRIGHT, B.Sc. |
| Associate Botanist | TED BANGERTER, F.L.S. |
| Hon. Botanist | LUCY CRANWELL SMITH, M.A., D.Sc., F.L.S., F.R.S.N.Z. |
| Hon. Research Associate in Botany | JEANNE H. GOULDING |

Conservation

| | |
|---------------------------------------|---------------------------------|
| Preparator/Conservation Officer | LEO CAPPEL, Dip. I.A.C. (Amst.) |
|---------------------------------------|---------------------------------|

Display

| | |
|--------------------------|-----------------------|
| Curator of Display | RICHARD WOLFE, B.F.A. |
| Display Artist | PETER GOSSAGE |
| Display Assistant | AUDREY McBIRNEY |

Education

| | |
|------------------------------------|---|
| Education Officer | STRUAN ENSOR |
| Assistant Education Officers | BERT CADMAN, B.A. DAVID REYNOLDS, B.A. Dip. Tchg. |
| Teacher Aid | PAM TOWERS |
| Artist-Technician | JOHN McCAW |

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Entomology

Entomologist (Senior Scientist) KEITH WISE
Entomology Assistant JANET GURR

Ethnology

Ethnologist DAVID SIMMONS, M.A., Dip. Etds.
Celt. (Rennes), Dip. Etds. Civ. Franc. (Sorbonne)
Ethnology Assistant NOLA ARTHUR, N.Z.L.A. Cert.,
A.N.Z.L.A., A.L.A.A.
Clerical Assistant MARY BEST

Extension Service

Extension Officer JOHN WADHAM, B.Sc.

Library

Librarian IAN THWAITES, B.A., Dip. N.Z.L.S.,
A.N.Z.L.A.
Assistant Librarian GORDON MAITLAND, M.A.,
Dip. N.Z.L.S.
Library Assistant DIANE CALDER
Clerical Assistant MARIENNE FLETCHER

Malacology

Malacologist WALTER CERNOHORSKY, F.L.S.
Hon. Research Associate
in Mollusca BADEN POWELL, Hon. D.Sc.,
F.R.S.N.Z., F.M.A.N.Z.

Marine Biology and Maritime History

Marine Biologist BRETT STEPHENSON, M.Sc.

Ornithology

Associate Ornithologist SYLVIA REED

Planetarium

Operator GARY FREETH

War Collections

Curator JOHN WADHAM, B.Sc.
Hon. Curator of Medals
and Badges DAVID CORBETT, A.F.R.Ae.S.

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Attendants

BRUCE FLETCHER (Senior), NOEL CHAPMAN, BRIAN CRAIG, PATRICK FITZGERALD, ERIC FRAZER, EDWARD JOHNSON, MERVYN LOCKLEY, JOSEPH MILLS, LUIS RAMON, WILLIAM SMITH, EDWIN SOUTHWORTH, GRAHAM TAYLOR, GLEN TILSLEY, JACK WATSON, COLIN WHYTE.

Coffee Lounge

MARY EICHLER (Manager), MARY McSWEENEY (Assistant Manager), JOAN HARVEY, JAN MELLAMPHY, ALISON McLAUGHLIN, ANNE NICHOLAS, ESME ULLENBERG, GEORGE WILLIAMS.

Maintenance and Cleaning

HARRY ROWE (Maintenance Hand), ESTHER SMITH, MAY SMITH, OLIVE FRENCH.

Museum Shop

MYRA ALEXANDER (Manager), SALLY ANDREWS, MIGNONNE BROWNJOHN, STRELSA BOYCE, ANNE COOPER, YVONNE DEW, ANN HANNA, IDA RAWLINGS, NANDA WATSON.

PRESIDENTS
AUCKLAND INSTITUTE AND MUSEUM

| | |
|------------------------------|------------------------------|
| 1867 F. Whitaker | 1903 Professor A.P.W. Thomas |
| 1869 Hon. T.B. Gillies | 1906 Professor F.D. Brown |
| 1870 Rev. Dr A.G. Purchas | 1907 E.V. Miller |
| 1871 T. Heale | 1909 Professor C.W. Egerton |
| 1873 Hon. T.B. Gillies | 1910 Dr R. Briffault |
| 1874 Sir G.A. Arney | 1911 J.H. Upton |
| 1875 J.C. Firth | 1912 Professor H.W. Segar |
| 1876 Hon. T.B. Gillies | 1913 C.J. Parr |
| 1877 R.C. Barstow | 1915 Hon. Sir E. Mitchelson |
| 1878 T. Heale | 1917 J.H. Gunson |
| 1879 Rev. Dr A.G. Purchas | 1926 H.E. Vaile |
| 1881 T. Peacock | 1931 A.G. Lunn |
| 1882 E.A. MacKechnie | 1933 Professor H.W. Segar |
| 1883 Rt. Rev. Dr W.G. Cowie | 1934 Sir Cecil Leys |
| 1884 H.G. Seth Smith | 1935 A.T. Pycroft |
| 1885 J.A. Pond | 1936 Sir Carrick Robertson |
| 1886 Professor F.D. Brown | 1938 C. Reginald Ford |
| 1887 Professor A.P.W. Thomas | 1940 Dr W.A. Fairclough |
| 1888 S. Percy Smith | 1942 A.H. Johnstone |
| 1889 J. Martin | 1944 J.C. Rennie |
| 1890 J. Stewart | 1947 Hon. T. Bloodworth |
| 1891 Professor F.D. Brown | 1949 F.L.G. West |
| 1893 Professor C.A.M. Pond | 1952 Professor L.H. Briggs |
| 1894 J.H. Upton | 1955 J.W. Kealy |
| 1895 Professor A.P.W. Thomas | 1958 J.H. Rose |
| 1896 D. Petrie | 1961 J. Seabrook |
| 1897 Dr E. Robertson | 1964 S.G. Brooker |
| 1898 Prof. H.A. Talbot-Tubbs | 1967 Dr H.C. Holland |
| 1899 J. Batger | 1970 Lt.-Col. A.R. Hughes |
| 1900 Professor H.W. Segar | 1973 G.W. Frater |
| 1901 J. Stewart | 1976 Dr J.D. Atkinson |
| 1902 Dr E. Robertson | 1980 Dr R.H.L. Ferguson |

DIRECTOR EMERITUS
E.G. Turbott, Q.S.O., M.Sc., F.M.A.N.Z.

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REPORTS TO MEMBERS

President

The year just ended was a very difficult one for the Council and staff of the Museum. In the first year of operation under the Auckland War Memorial Museum Maintenance Act 1979 it eventuated that an error had been made in the levy formula, severely limiting the Museum's levying capacity, and as a result the Museum existed under very tight financial restraint.

The problem arose because in setting the maximum levels for the Museum levy under the 1979 Act, an assumption was made that rateable capital values, on which the levy is largely based, would increase at the same rate as the Museum's costs. In fact, of course, these costs, 75 per cent of which comprise salaries and wages, have risen much more sharply than property values in recent years. Thus, in the first year of operating under the new Act, the Museum found itself needing to levy more than the Act allowed. This rather desperate situation was met in two ways. The first involved ensuring the Museum had sufficient finance to enable it to survive through the year. This was achieved by cutting expenditure to a bare minimum, by deferring all development from levy funds and by drawing on capital reserves for day to day maintenance. These were all short-term measures which could not be continued, so the second remedy was to seek a longer term solution. This inevitably involved an amendment to the Act, in order to raise the maximum levy ceiling.

However, as mentioned in last year's Report, the 1979 Act was passed in the face of considerable opposition from some local authorities, particularly those in the Waikato and Bay of Plenty areas. It was apparent to members of the Museum Council that an amendment was unlikely to be readily agreed to by these authorities. Meetings were held in Auckland, in Hamilton and in Kaikohe between representatives of the Museum Council and local authorities in the areas concerned. The result of these meetings was a general agreement to seek a compromise solution, and the Auckland War Memorial Museum Maintenance Amendment Act 1980 is the result of that agreement. It allows the Museum an increased ceiling on its maximum allowable levy, whilst releasing from their statutory obligation to contribute to the Museum local authorities outside the area administered by the Auckland Regional Authority. These outer local authorities will still be able to contribute voluntarily, and strong indications were given by many of them that they intend to continue supporting the Museum in this way. Because of the substantial agreement that was reached on this amendment, it passed smoothly through the legislative procedure and was enacted towards the end of the 1980 Parliamentary Session.

The Museum can now look forward to a secure future in the knowledge that it has a satisfactory financial base, and a considerable body of support in the community. However, the effects of the difficult year just experienced, when costs increased by more than 15 per cent while the Museum levy increased by only one per cent, will continue to be felt for some time to come. I would like to express my gratitude for their support and effort during this year to the members of the Council Sub-committee on Finance which I chaired, Messrs Atkinson, Laxon, McKinnon, Thomas and the Director; to other members of the Museum Council; to several Mayors and Chairmen of outlying local authorities for the help and active support they gave during the year; and to the Mayors,

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Chairmen and Councillors of local authorities in the Auckland region for their willing and rapid agreement to support the Museum at a difficult time. Without this support the Museum would have remained in a financial straightjacket that would have rapidly caused a disastrous situation for Museum staff and the public.

The Museum was fortunate that its major development during recent years was being carried out with financial support from several sponsors, and was therefore not affected by difficulties with the levy. The completion and opening of the 'Auckland Landscapes' installation is reported on below, but I would like to extend the thanks of the Institute and Museum to the major sponsors for 'Auckland Landscapes', the Sir John Logan Campbell Trust, the Auckland City Council Improvement Trust and the New Zealand Insurance Company Limited, as well as to other local authorities who made specific grants.

The programme to replace the corroded frames of the windows in the First World War building has continued satisfactorily, and will be completed in the coming year. A good level of income has continued for the Window Replacement Fund, through the Door Appeal and the Members' Appeal. In conjunction with this work, repairs have been undertaken to the pointing of the stonework on the front of the building, which had become eroded over the years. This work has been made possible through a grant for the purpose from the Sir John Logan Campbell Trust.

Members have continued to give generously to the two special funds, the Members' Library Purposes Fund and the Members' Specimen Purchase Fund. Mention is made below of several items purchased from these funds which the Museum would otherwise have been unable to acquire and we are very grateful for this continued assistance.

Awards

Three members were accorded Honours by Her Majesty the Queen during the year, and our congratulations are extended to them: Dr A.W.B. Powell CBE, Mr J.G.S. Reid CBE, Mr Hamish Keith OBE. Particular pleasure is felt at the award to Dr Powell who has been a member of the Museum staff since 1929. Whilst the honour was occasioned by the recent publication of Dr Powell's book 'New Zealand Mollusca: Marine, Land & Freshwater Shells', we are sure that Dr Powell's long contribution to the development of the collections, the displays and the activities of the Auckland Museum is also recognised in the award.

My first duty after becoming President at the Annual General Meeting was to move the election to Honorary Life Membership of my predecessor, Dr J.D. Atkinson. Presidents of the Institute are by no means automatically elected to Honorary Membership, and the warmth with which the proposal was received is a mark of the respect members have for the distinguished scientific career of Dr Atkinson, and their gratitude for the way in which he has applied his wealth of scientific and administrative experience for the benefit of the Museum.

Institute Meetings

The Museum Council has been concerned at the poor attendances at our Monday evening lecture series this year. Their concern is all the greater because the lectures have continued to be of a very high standard; thanks are recorded to the following lecturers: Dr J. Rogers, 'Fertilisers in the New Zealand

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Economy'; Mr R. Kerr, 'Marae Etiquette' (Roger Buddle Memorial Lecture); Dr W. Hamilton, 'Little Barrier Island'; Dr A.F. Mark, 'Progress in Tussock Grasslands Research Since Cockayne's Day' (Cockayne Memorial Lecture, Royal Society of New Zealand); Dr R. Beaglehole, 'Heart Disease Revisited' (Medical Association Lecture); Mr G.S. Park, 'What is a Museum?'; Professor F.R. Shroff, 'Death, Disease, Disaster and Dentistry' (Tiwha Bennet Memorial Lecture). It was felt that the replacement of the Syllabus card by notification of members through the medium of the *Museum News* might have had a harmful effect, and accordingly the card has been reinstated for the current year. Council has also considered holding lectures at different times, to make them available to a different section of the membership, and one of these has been scheduled for the current year.

Members' Subscriptions

Concern has been expressed in recent years that the level of members' subscriptions had not kept pace with inflation, to the extent that receipts from subscriptions were not covering the direct costs of membership. Council believed that members would wish to make a contribution to the work of the Museum as well as paying for the benefits they receive, and accordingly a motion was proposed and unanimously passed by the Annual General Meeting to raise subscriptions to \$10 for ordinary members and \$100 for Life Membership.

Council

This year four vacancies occurred for Institute representatives on the Museum Council due to the alteration to the rules made last year and to the completion of their terms of office of three Council members. These three, Dr H.V. Coop, Mr J.M. Print and Miss Joan Robb were renominated and returned to Council, but no nomination was received for the fourth vacancy. After deliberation, Council exercised the authority given to it under the Rules by appointing to the vacancy Mr Michael Horton, a Life Member of the Institute. Mr Horton will bring considerable commercial expertise to Council, as well as continuing a long family association with the Museum. Mr Horton's mother and his step-father Dr H.C. Holland have both been members of the Council, and this year saw the end of Dr Holland's long association with the Museum Council. Dr Holland was first elected to the Museum Council in 1961 and was President from 1967 to 1970, and Vice President from 1970 to 1980. Dr Holland remains a member of the Institute and Museum Trust Board, to which he was elected in 1967.

The elections for local authority representatives on the Museum Council which follow each triennial general election were delayed by the passage of the Museum's Amendment Act to allow the new pattern of local authority support for the Museum to be represented in the composition of Council. The members elected took up office in April 1981. Grateful acknowledgement is made of the work for the Museum of Mrs N.J. Bourke, Mrs D.M.E. Clark, Mr C.J. Dooner, Mr T.S. Impey, Mr W.J. Stevens and Mrs S.M. Weight, who completed their terms on Council at the end of March 1981.

Annual General Meeting

Members will know that at a Special General Meeting in April, an alteration to the Rules was approved to allow the Annual General Meeting to be held in September, rather than June as has been customary in recent years. This change

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was made in order to allow time for the Museum's accounts to be audited before they are printed for circulation in the Annual Report. The move follows a recommendation from the Audit Department, who were unhappy at the practice of presenting unaudited accounts to the Annual Meeting, even although there has been no difference between the unaudited and the audited accounts in recent years. This change is the reason for the later appearance of the Annual Report this year, and the practice will continue in future years.

Membership

The roll has changed as follows:

| | As at 31.3.80 | As at 31.3.81 |
|-----------------------|---------------|---------------|
| Honorary Life Members | 13 | 14 |
| Life Members | 588 | 681 |
| Ordinary Members | 1,283 | 1220 |
| | <hr/> 1,884 | <hr/> 1915 |

Obituary

We record with regret the deaths of the following members: Mr A.M. Alexander, Mr W.M. Angus, J.P., Dr H.E. Annett, O.B.E., D.Sc. (London), F.R.I.C., F.N.Z.I.C., Mr A.F. Bell, Dr G. Blake-Palmer, E.D., M.R.C.S., L.R.C.P., D.P.M., F.A.N.Z.C.P., Professor V.J. Chapman, O.B.E., M.A., Ph.D., F.I.S., Miss A.G. Darling, Mr A.N. Duder, A.M.I.C.E., F.N.Z.I.E., Mr P. Harrison, Dr P.P. Heller, O.B.E., D.Jur., (Vienna), L.L.M., (McGill), A.F.R.Ae.S., A.C.A., Mrs P. Hynes, Mr A.F. Jordan, M.I. Mech.E., M.N.Z.I.E., C.Eng., Mr P. Mathews, Mr R.T. Pycroft, Miss C.M. Rains, Mr J.H. Robertson, Mrs J.M.W. Temple, Mr A.H. Townsend, M.A., Mr R.A. Widdicombe, B.Arch., F.N.Z.I.A., A.R.I.B.A., Mr M.G. Wilson, M.A., Dip.Tchg.

Mrs P. Hynes was first appointed to the Honorary staff of the Museum in 1957, but even before that she had been working in a voluntary capacity in the Museum for many years, and was subsequently Associated Botanist under the curatorship of both Dr Cooper and Dr Orchard. The Museum Herbarium contains many thousands of beautifully pressed, mounted and labelled plants collected by Mrs Hynes. The numbers, and geographical and taxonomic spread of these specimens rivals those of the collections of the Herbarium's founder, T.F. Cheeseman. Mrs Hynes was also always willing to foster the interest of young people in plants, both through the Museum and through the Auckland Botanical Society, of which she was Secretary for fifteen years.

Gifts, Grants, Bequests

Further generous support was given to the display installation 'Auckland Landscapes — Past and Future' by the two principal sponsors, Sir John Logan Campbell Trust and the Auckland City Council Improvement Trust, which made further commitments this year to meet an increase in costs. In addition, the New Zealand Insurance Company Ltd made a most generous donation of \$20,000 towards the cost of the helicopter film which is a central feature of the installation, and this assistance is acknowledged with deep appreciation.

The Board of Trustees of the Auckland Savings Bank made a grant of \$4,000 to the Museum in its disbursements this year. This sum was used for the

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purchase of equipment to monitor the climate in which the Museum's collections are stored and displayed, in order to prevent unnecessary deterioration, and for the purchase of cabinets to improve the storage and accessibility of the entomological collections. The support of the Trustees of the Bank for these projects is gratefully acknowledged.

As part of their centennial celebrations, Messrs Smith and Caughey Ltd made a donation of \$5,000 to the Museum. Council has gratefully acknowledged this generous gift, and has agreed to use the money in improving the facilities for Special Exhibitions at the Museum.

A further grant of A\$4,500 was received from the Disney Art Trust and, as Mr Muir reports below this greatly assisted in the purchase of items for the Applied Arts collections. Another generous gift received for the purchase of a work of Oriental art was \$1,000 from Mrs D.F. Kitching.

Two members of staff were successful in applications to the Scientific Research Distribution Committee of the Lottery Board of Control. Mr K.A.J. Wise received \$1,500 to meet the expenses of a study tour to museums in Australia to further his research in entomology, and Mr W.O. Cernohorsky received \$1,000 to support his visit to Australia in malacological research.

The Department of Internal Affairs again made a grant of \$4,000 in recognition of the work carried out by the Museum in its behalf in connection with the Antiquities Act. An application from the Museum to the Museums and Art Galleries Scheme of the Department sought to broaden the scope of the work carried out for the local museums in the province, as discussed below by the Director. A commitment was made of a grant of up to \$11,000 which will be taken up in May 1981.

Several major bequests were received during the year. The Museum was the residuary beneficiary under the estate of Miss A.Z. Dixon, a long time member of the Institute who died in 1978. This magnificent bequest, valued at over \$50,000 will be set aside as the nucleus of a Display Development Fund, and will be of great benefit to the Museum in the development of its displays in the near future. Some specific element of these displays will be designated as having been made possible through the bequest of Miss Dixon.

The Museum was also residuary beneficiary in the estate of Mr E.F. Hilton of Sydney. Mr Hilton was an avid collector of shells, who was in correspondence for many years with Dr Powell and Mr Cernohorsky. Mr Hilton directed that his bequest which is valued at over \$23,000 should be used for the purchase and display of shells in the Museum. In the interim Council has decided to use the income from the bequest for the purchase of shells as required, with a view to using the bequest as a whole in the redisplay of the shell collections in due course.

Mrs L.E. Worth who died in November 1979 left the sum of \$12,000 to the Museum as a memorial to her late husband, C.H. Worth. In order to comply with Mrs Worth's expressed wishes concerning the purpose of the bequest, Council agreed to create the C.H. Worth Memorial Fund, the income from which is to be used to support scientific research by the Museum's staff into the natural or human history of New Zealand and the surrounding region.

A further disbursement was received during the year from the bequest of Miss R.M. Peek, in addition to the sum acknowledged last year.

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We acknowledge with thanks monetary donations received during the year from the following: F. Amodeo, Atlantic and Pacific Travel Int. Ltd, Dr J.N. Brownlee, Mrs P. Chapman, Farmers Trading Co. Ltd., Merck Sharp and Dohme N.Z. Ltd., Mt Cook Group Ltd., Sigmund Spath Ltd., M. Thompson, C.M. Whale, B.G. Winstone Memorial Trust and three anonymous donors.

Local Authority Contributions

Contributions under the Auckland War Memorial Museum Maintenance Amendment Act 1980 were received as follows:

Metropolitan:

| | |
|--------------------------|-------------------|
| Auckland City | 137,514.52 |
| Birkenhead City | 12,080.50 |
| Devonport Borough | 7,286.07 |
| East Coast Bays City | 18,807.82 |
| Ellerslie Borough | 4,578.52 |
| Glen Eden Borough | 4,338.49 |
| Henderson Borough | 5,476.59 |
| Howick Borough | 8,748.41 |
| Manukau City | 96,328.73 |
| Mount Albert City | 15,115.26 |
| Mount Eden Borough | 11,227.02 |
| Mount Roskill Borough | 20,183.47 |
| Mount Wellington Borough | 17,215.47 |
| New Lynn Borough | 6,720.72 |
| Newmarket Borough | 3,524.70 |
| Northcote Borough | 6,564.06 |
| Onehunga Borough | 12,923.60 |
| One Tree Hill Borough | 12,582.59 |
| Otahuhu Borough | 6,639.90 |
| Papakura City | 11,736.22 |
| Papatoetoe City | 11,885.29 |
| Takapuna City | 49,632.38 |
| Waitemata City | 42,574.84 |
| | <u>523,685.17</u> |

Provincial:

| | |
|-----------------------------|-----------|
| Bay of Islands County | 1,080.06 |
| Cambridge Borough | 834.46 |
| Dargaville Borough | 339.77 |
| Franklin County | 13,853.63 |
| Great Barrier Island County | 110.57 |
| Hamilton City | 2,800.00 |
| Hauraki Plains County | 1,483.82 |
| Helensville Borough | 416.36 |
| Hikurangi Town Council | 61.84 |
| Hobson County | 808.72 |
| Hokianga County | 155.03 |
| Huntly Borough | 655.39 |
| Kaikōhe Borough | 93.52 |
| Kaitiaki Borough | 133.90 |
| Kawerau Borough | 286.12 |
| Mangonui County | 388.19 |
| Matamata Borough | 346.07 |
| Matamata County | 2,591.59 |
| Morrinsville Borough | 539.61 |

| | |
|---|------------------|
| Mount Maunganui Borough | 659.82 |
| Munipara Borough | 35.33 |
| Ngaruawahia Borough | 361.58 |
| Ohiemuri County | 1,197.80 |
| Opoitiki County | 299.70 |
| Otamatea County | 1,574.68 |
| Otorohanga County | 1,345.17 |
| Paeroa Borough | 439.27 |
| Pakō County | 2,000.00 |
| Pukekohe Borough | 3,573.25 |
| Putaruru Borough | 195.18 |
| Raglan County | 2,857.66 |
| Rodney County | 21,422.01 |
| Rotorua District Council | 1,553.44 |
| Taumarunui Borough | 135.54 |
| Taumarunui County | 387.91 |
| Taupo Borough | 482.64 |
| Taupo County | 824.80 |
| Tauranga City | 1,255.75 |
| Tauranga County | 2,946.98 |
| Te Aroha Borough | 311.03 |
| Te Awamutu Borough | 776.82 |
| Te Puke Borough | 160.72 |
| Thames-Coromandel District Council | 4,476.96 |
| Tokoroa Borough Council | 505.01 |
| Tuakau Borough | 532.23 |
| Waiheke County | 1,293.83 |
| Waihi Borough | 303.46 |
| Waikato County | 4,317.19 |
| Waipa County | 3,074.37 |
| Waitomo District Council (Rural Division) | 771.16 |
| (Urban Division) | 194.85 |
| Waiuku Borough | 1,220.91 |
| Whakatane District Council | 941.65 |
| Whangarei City | 3,334.12 |
| Whangarei County | 2,561.77 |
| Whangaroa County | 123.97 |
| | <u>95,427.21</u> |

Total Contributions:

619,112.38

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Attendances

Attendances have remained at about the level of last year. Whilst at a slightly lower level than in previous years, they still indicate that the Museum is visited and appreciated by a very significant number of people. The past ten year's figures are as follows:

| | |
|----------|-----------|
| 1971-72: | 734,808 |
| 1972-73: | 1,034,818 |
| 1973-74: | 1,370,646 |
| 1974-75: | 1,640,552 |
| 1975-76: | 1,780,563 |
| 1976-77: | 1,804,947 |
| 1977-78: | 1,796,065 |
| 1978-79: | 1,839,949 |
| 1979-80: | 1,480,211 |
| 1980-81: | 1,489,883 |

R.H.L. FERGUSON

Chairman of the Trust Board

Following the reinvestment of the Vaile Endowment Funds in the property at Manukau City referred to in last year's report, the position of the Vaile investments is now secure, and an increased income is being received. Details of the management of the building and its leases are being attended to by the Museum's Director and the Accountant, Mr Robertson; only one meeting of the Board has been necessary during the year.

The Board is gratified to note the receipt of several generous gifts and bequests to the Museum, as noted above by the President.

The total of invested funds now stands at \$800,802.

R.E. THOMAS

Director

Staff

Miss Jeanne Goulding retired from the position of Botanist in April but continued on a part time basis in May and June until her successor could take up his duties. Miss Goulding's association with the Museum goes back over many years of voluntary work as well as her more recent full-time appointment. Council was pleased to appoint Jeanne Honorary Research Associate in Botany, and she is continuing research commenced while at the Museum.

Anthony Wright was appointed part time to the position of Botanist in July, and took up full-time duties in March 1981. Mr Wright is a graduate of the University of Auckland, and is completing his research on the genus *Beilschmiedia* for the degree of M.Sc. He brings to the position considerable experience in botanical research and in herbarium practice.

Mrs Sylvia Reed's extended appointment as Associate Ornithologist was completed at the end of March 1981, and Council was pleased to be able to further extend her appointment until March 1982.

Following the opening of the display installation 'Auckland Landscapes' in November, the appointment of the Museum's Director Emeritus Mr E.G. Turbott as installation Supervisor was extended by Council for a further six months, to cover the initial stages of the display's operation.

Mr Prickett, the E. Earle Vaile Archaeologist, completed his research on the archaeology of the Taranaki wars during the year, and has submitted his thesis for the degree of Doctor of Philosophy, at the University of Auckland.

Mrs I Cherrington was appointed to the position of Clerical Assistant to replace Mrs Jarvis, and Mrs A. Wilson to the position of Secretarial Assistant in place of Mrs McVicker.

Once again the Museum has been fortunate to be able to avail itself of the temporary staff under the Project Employment Programme and the Student Community Service Programme of the Department of Labour. A great deal of useful work that would not otherwise be able to be undertaken has been carried out under these schemes. A principal regret is that some more permanent form of employment cannot be found for the talented and willing people who have worked at the Museum under these schemes.

Display Programme

The major event of the year's display programme was the completion and opening of the new multi-media display installation 'Auckland Landscapes — Past and Future'. As noted by the President, the Museum is fortunate that because this display development was funded from sources other than local authority levies, little disruption was experienced in spite of the financially difficult circumstances this year.

As members will have realized from the last Report, a major effort was then being made by Mr Turbott as Supervisor and Mr Maynard as Designer of 'Auckland Landscapes — Past and Future' to maintain momentum on the project and to set a target date for completion and opening. Mr Turbott has reported on events up to the official opening function on 20th November, 1980, as follows:

"By August Mr Cappel had finished work on the central item, the Rangitoto diorama, and had passed on to his second major feature, the Motutapu settlement diorama which deals with the human history of the area preceding the Rangitoto eruption. The principal remaining sections, those on respectively, colonial history and Auckland's future, were also receiving full-time attention: the former was given the highest degree of momentum in the imaginative hands of Mr Peter Gossage whose work included a most successful 'Auckland 1852' diorama; members of the ARA Planning Division led by Mr Neil Olsen proceeded at the same time with the planning, assembly and installation of the 'Auckland's Future' area along the lines of the general design plans established by Mr Maynard. Contributions by two voluntary workers helped greatly in the colonial section — Mr Blair Luxford and Mr Olaf Peek worked for long hours to restore the ship model for the Early Auckland Bay.

"Mr Maynard was at the same time planning the aerial film in association with Seehear Ltd and this was carried out in time to make sure that helicopter filming could proceed as permitted by weather conditions."

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"A full list of exhibition credits has been included in the central alcove adjacent to the theatre. The list is repeated here as a general acknowledgement of the help which was so freely given throughout the planning and installation periods.

Advisory Panels:

Geology: Dr P.F. Ballance, Sir Charles Fleming, D.Sc., F.R.S., F.R.S.N.Z., Associate-Professor J.A. Grant-Mackie, Dr K.A. Rodgers, Dr G.P.L. Walker, F.R.S., Seismological Observatory, Geophysics Division, D.S.I.R.;

Plant and Animal Life: A.E. Esler, Dr L.H. Millener;

Maori Creation Myth: D.R. Simmons;

Maori Prehistory: Janet M. Davidson, Lady Aileen Fox;

Colonial: Una Platts, J.M. Stacpoole, Auckland Institute and Museum Library;

Auckland's Future: Auckland Regional Authority Planning Division, Neil Olsen, Kay Hickman;

Display and Installation:

Diorama Artists: Leo Cappel (Rangitoto, Motutapu), Peter Gossage;

Graphic Artists: Peter Gossage, Paul Hartigan, Colin McLaren, Denys Watkins;

Major Photography: Ian MacDonald;

Sound Sequence: Ross Harris;

Film: Director — Geoff Steven; Photography — Leon Narbey, Alan Locke; Editor — Alf West;

Ship Model Restoration: Blair Luxford, Olaf Peek;

Installation Assistants: Geoff Chappel, David Hope;

Construction: Adrian Alblas, Charles Cox, Ian Thomsen;

Thanks for permission to reproduce illustrative material are due to: Alexander Turnbull Library, Auckland City Art Gallery, Auckland Public Library, Mount Albert Public Library, Mr R. Lewin Wynyard.

"The installation was officially opened on Thursday afternoon, 20th November, by Sir Charles Fleming, K.B.E., D.Sc., F.R.S., F.R.S.N.Z. Sir Charles, a long-standing associate and life member of the Institute and Museum and a contributor to the installation as a member of the geology advisory panel remarked in the course of his speech 'It is one of the characters that distinguished man from other animals that he recollects and researches the past in order to understand it and that he predicts and plans for the future with more confidence as a result' — and thus underlined one of the main objectives behind the establishment of the display.

"It will be remembered that the primary sponsors of the display have been the Sir John Logan Campbell Trust and the Auckland City Council (Improvement Trust). In addition donations were made by the following Local Authorities in both metropolitan and provincial areas:

Devonport Borough Council
East Coast Bays City Council
Ellerslie Borough Council
Mount Albert City Council
Onehunga Borough Council
One Tree Hill Borough Council
Taumarunui Borough Council
Waihi Borough Council

Franklin County Council
Kaiataia Borough Council
Kawerau Borough Council
Murupara Borough Council
Paeroa Borough Council
Pukekohe Borough Council
Taupo Borough Council

"The section on 'Auckland's Future' was prepared by the Auckland Regional Authority Planning Division, all costs of installation being met by the Authority.

"Finally, a grant of \$20,000 was very generously made by the New Zealand Insurance Company Limited to meet the cost of the film screened as part of the installation."

Because of the Museum's commitment to 'Auckland Landscapes' there has been little development in other areas of the Museum's permanent displays, apart from continuing maintenance. Plans are being drawn up however, for the development of the Museum's displays over the next several years, and details of these plans will be announced shortly.

The Museum's display staff has again produced a most attractive series of temporary exhibitions in the Special Exhibitions gallery, as discussed in detail below by Mr Wolfe; he and his small staff are to be congratulated on their efforts. Particular mention should be made of the exhibition 'Tsumsumu', where an especially pleasing result was achieved.

Museum Shop

This year has marked the tenth anniversary of the opening of the Museum shop, on December 20th 1970. From small beginnings the Shop has grown into a very successful enterprise, unique among New Zealand museums, and one which is looked to enviously by museums overseas. As well as making a valuable contribution towards the financial support of the Museum, it provides a service to Museum visitors by offering additional information on aspects of the Museum's collections, postcards and slides of Museum objects, a wide but selective range of souvenirs, and a range of art and craft items relating especially to the Museum's Maori and Pacific collections. The success of the shop is due to the efforts of many people: the Council of the Museum for their foresight and support in the initial stages of its establishment; Graham Turbott and the Museum staff over the years; but most of all Mrs M. Alexander and her team of assistants. Myra Alexander has guided the development of the shop over the years, and the very high standard she has achieved does great credit to her, as well as to the Museum.

Assistance to Local Museums

The Museum has continued its service to assist local museums throughout the province in their work. The Director and four members of staff conducted a seminar in Kaikohe which was attended by personnel from several museums and historic places in the north. Aspects of the care of museum collections were discussed, and all those involved learned from the experience of others. Auckland Museum staff also took part in seminars of the Waikato-King Country-Bay of Plenty Museum group, at Waihi and Hamilton. Personnel from a number of local museums such as Thames and Papakura visited Auckland Museum to gain experience or seek advice on specific problems.

The most important development in this area of the Museum's work however, has been the successful application to the Art Galleries and Museums Scheme of the Department of Internal Affairs for support for the appointment of a Liaison Officer, specifically to provide assistance to local museums in this part of the country. This application arose from discussion with people from local

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museums of their needs and problems and from experience of the success of a similar appointment at Otago Museum. It is hoped that the Museum's liaison officer will be able to provide a useful service to local museums, offering them advice and access to information and services, and strengthening the links amongst them, and between them and Auckland Museum. Unfortunately, an appointment was not able to be made during the present year, but the position will be taken up in May 1981.

Mention should also be made of the opening during the year of two new local museums. The Huntly Mining and Colonial Museum was opened in November, and reflects the importance of mining to the history and development of the Huntly district. While the staffs of both Auckland and Waikato Museums have been involved in offering advice and assistance to Huntly, much credit for the success of the new museum must go to Mrs D.M.E. Clark, who has been the representative of southern local authorities on the Auckland Institute and Museum Council. The Parry Kauri Park at Warkworth is the setting for a very fine museum of the history of the Warkworth district which opened in October. Here too a great deal of local effort has gone into the fundraising for and preparation of the displays in a very fine local museum.

AGMANZ Diploma in Museum Studies

An important development during the year has been the inauguration of a formal system of training for museum staff by the Art Galleries and Museums Association of New Zealand. For some years the museums of New Zealand have felt the need for some method of providing training for their staffs in the increasingly specialised field of museum work. The first students for the Diploma were enrolled in 1981, and are undertaking course work in a variety of subjects. Auckland Museum is closely involved in the Diploma: the Director has been associated with the planning of the course for the last four years, and is examiner for a museum theory paper; in addition, the Museum Library is acting as the central resource library for Diploma students, and will receive a grant from AGMANZ in support of its work in this respect.

Publications

The *Records* (Vol 17: date of publication 17th December 1980) contained eleven papers as follows:

Maori fortifications of the Omata and Oakura districts, Taranaki, by Nigel Prickett.

Some dendroglyph styles in the Chatham Islands, by D.R. Simmons.

The artefact assemblage from the Opito beach midden, N 40/3, Coromandel Peninsula, by Joanna Boileau.

New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium. 6, by E.B. Bangerter.

Significance of carbonate concretionary growths on a moa bone in Holocene tidal flat deposits beneath Auckland City, New Zealand, by Campbell S. Nelson and J.A. Grant-Mackie.

Taxonomic notes on Polynesian Mollusca with descriptions of new species of Nassariidae, by W.O. Cernohorsky.

Systematics of some West Pacific *Lyria* (Mollusca: Volutidae) with description of a new species, by W.O. Cernohorsky.

The taxonomy of some Indo-Pacific Mollusca. Part 8, by W.O. Cernohorsky.

Aega angustata Whitelegge, 1901 (Isopoda: Aegidae), a new record for New Zealand waters, by A.B. Stephenson.

Monarch butterfly dispersal in New Zealand, by K.A.J. Wise.

Records of South Pacific dragonflies (Hexapoda: Odonata), by K.A.J. Wise.

Once again the Museum's gratitude is recorded to Mr Wise for his work as Editor, and to the members of the Editorial Committee for their assistance: Prof. R.C. Green (Anthropology), Prof. F.J. Newhook (Botany), Miss J. Robb and Dr R.D. Lewis (Zoology).

Mr Prickett's paper on the archaeology of areas of Taranaki has been published separately in the form of a booklet, which is being made available both through the Museum shop and at Taranaki Museum.

G.S. PARK

Assistant Director and Ethnologist

We have with great regret to record the death of Te Puru o Tamaki, T. Downs, the ariki of Ngati Whatua ki Tamaki, the tangata whenua of Tamaki-makau-rau. On many occasions Te Puru o Tamaki attended Museum functions and welcomed distinguished visitors to Tamaki-makau-rau on the marae of Pukekawa, the Hill of Bitter Memories. His leadership of Ngati Whatua ki Tamaki saw the establishment and near completion of a great carved meeting house at Orakei. His leadership and gentle wisdom will be sadly missed by the people and by the Museum.

Haere e koro, haere, haere ki Hawaiiki nui,

Hawaiiki roa, Hawaiiki pamamao.

Moe ra e koro, moe ra.

During the past year twenty-eight lectures have been given to various clubs, organisations and to university classes. My presence has been requested at three where wananga sessions held on marae. Twelve tours have been taken of the Maori Court or other sections of the ethnology displays. Full day field trips of the volcanic hill pa of Tamaki have been taken on five occasions. I have assisted with or appeared in four feature films for either cinema or television showing and have appeared on television news items on several occasions; two radio broadcasts were made, in addition to featuring on radio talk-back sessions.

An important occasion held in the Museum was the rehafting of the tokipoutangata Iriperi Ko Tama. It was the custom in ancient times that when the holder of a sacred adze died the handle was buried with him. On the appointment of a new chief a new handle was made, blessed and fitted. This was the visible symbol that a new chief was installed. Iriperi Ko Tama is such an adze. It is not greenstone but made from Tahanga basalt from Opito in Coromandel. Traditionally, it has a genealogy which takes it back twenty generations, or about five hundred years. The adze itself is large with a reversed quadrangular cross-section and could have been made a hundred or more years before this. Iriperi Ko Tama is the symbol of an ariki, a paramount chief. It is a very tapu adze and was used for the last twenty generations to make the first three symbolic cuts on war canoes, carved houses and other tribal enterprises. Iriperi Ko Tama is also used to bless weddings, births and adoption contracts for members of the paramount lines. Chiefs' houses and meeting houses for which Iriperi Ko Tama has been used in the past stood in the South Island, Wanganui, Picton, Tolaga Bay, Whakaki, Wairoa, Maungapohatu and Rotorua. Some of these

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houses are still standing. When the war canoe Te Toki a Tapiri, now in Auckland Museum, was started at Whakaki, Hawke's Bay, in 1836, Iriperi Ko Tama made the first cuts on Te Toki and the other two canoes constructed at the same time. Iriperi Ko Tama is a ceremonial adze which was made in and belongs to an early period in New Zealand prehistory. Sometime after its original manufacture as a working adze it acquired mana and was given a personal name. It then continued in use well past its period and is still in use today as a ceremonial adze. The Museum is privileged to be the custodian for this treasure of the past and present.



Museum Ethnologist, Dave Simmons, holds the carved Maori godstick from Ngataranga Bay.

A rare and important piece of carving from Takahiwai on the South Whangarei Head has been purchased for the Museum. It is a post with a human figure carved on it. The figure has a triangular head, resembling Taranaki work, and a peculiar type of surface decoration. The only other piece of carving from the same area is a small pumice pigment pot with a human figure carved on the side. It also has a triangular head and very similar decoration on the body. Taking the two pieces together we can now define a Patuaharakeke tribal style of carving. The carving was purchased with the fund set up by the Institute members for the purchase of pieces for the collection.

Of just as great importance was the purchase of a godstick figure from Ngataranga Bay, Devonport. The figure is in the Hukere form known from Wanganui example but so far unknown from anywhere else in the North Island. Carving details of the figure establish it as being almost certainly of Northland provenance. There is a tradition recorded by the late George Graham of god figures belonging to the Kawerau tribe who occupied Takapuna (North Head) until the beginning of the 19th century. The Ngataranga Bay godstick is an outstanding artwork in its own right.

Two important New Zealand artefact assemblages acquired during the year are the Great Mercury Island collection of surface material made by Mr Pat Mizen which comprises some 400 artefacts with detailed locations on the island. The collection is an important resource for future work.

The second major collection is that made by Mavis and William Bramley of South Manukau Head. This collection has been presented by Mrs Mavis Bramley, now of Pukekohe. Like the great Mercury Island collection, the Bramley collection is carefully catalogued and find spots identified exactly. Both of these collections contain artefacts which range in age from *ca.* A.D. 1000 until the 18th century. Spectacular items in the Bramley collection are a set of three side-hafted adzes, a 'divided sphere' amulet, a harpoon and many very early adzes. The careful and methodical recording of information about the collections make both of these very valuable additions to our Museum.

A television documentary "The Moriori", which was made last year and with which I was associated from its inception, has received an award as the best documentary produced by New Zealand Television for the year. Scripts have been written for the Ministry of Foreign Affairs to accompany the Tangata exhibition of photographs and to accompany a set of colour slides depicting Maori art. These latter will be distributed to embassies and consulates around the world for use by the embassy staff. A revised edition of "Maori Carving Illustrated" by W.J. Phillipps has been prepared for A.H. & A.W. Reed Ltd.

D.R. SIMMONS

Curator of Applied Arts

Early in the year the replacement of the windows in the Disney Hall of English Furniture and the Asian Hall required removal of exhibits for safety. Only some of the displays in the Asian Hall needed to be temporarily dismantled and stored, but nearly all of the contents of the Furniture Hall were evacuated, under the supervision of the Hon. Curator of Furniture, Mr W. Ross-Lowe, to

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the adjacent Botany Hall where they remained on display. The return exercise was completed just before Mr Ross-Lowe's annual departure for Britain.

All members of the department have assisted with lectures and special guided tours of the collections. In March I spoke to the Auckland Studio Potters' Association about the policy for the development of the studio pottery collection. As part of the W.E.A. series, "Know Your Museum" I talked about Asian ceramics and the Hon. Curator of Textiles and Costumes Mrs Judy Smith dealt with "The Textile Collection".

The Ceramic Study Group of New South Wales was given a guided tour of the public areas and the collections held in reserve. Senior pupils of Paeroa College were helped to trace developments in European decorative forms, and the wives of Australian and New Zealand Orthopaedic Surgeons attending a conference in Auckland were conducted around the furniture and ceramic collections. The latter were also studied in depth by pottery groups from Waiuku, and Auckland, under the tutelage of potter Doris Dutch, by members of the Auckland Historical Society, senior pupils of Tokoroa High School, and Home Science students from Auckland. The historical development of furniture styles was studied by the Liberal Studies Group from Auckland Girls' Grammar School and apprentices from the Carrington Technical Institute. In addition to these special groups, duplicate objects were made available to the Education Service for use with student teachers and visiting school parties.

The collections were used in a variety of other ways. Pottery by Bernard Leach and Shoji Hamada was lent to the Waikato Art Museum for a special exhibition, Indonesian objects to the Bible College, Mount Albert, and examples of glass from the Roman period to the eighteenth century for use in a film for children being made by Television New Zealand on the craft of glass blowing. A selection of Japanese objects went for display to the library of the Auckland Teachers' College, and a collection of candlesticks for inclusion in a display mounted by the Mercer Museum Society to mark the opening of the Aparangi Retirement Centre at Te Kauwhata. Assistance was given to Charles Haines Ltd in the making of a documentary film on the development of china for Hereford Fine China Ltd.

Forty-five pieces of pottery were made available to Television New Zealand for the Kaleidoscope programmes on the development of studio pottery in New Zealand.

Mrs Diana Annandale and Mrs Val Penlington, representing the Auckland Weavers Guild continued to change the displays of studio weaving thereby maintaining a constant interest and awareness in this sphere of activity.

Mrs Smith selected a number of items of lace from the collections for display in a case at the entrance to the Furniture Hall and the large case opposite my office has seen a selection of snuff boxes, mulls and bottles, pipes, a coin display commemorating the 20th Anniversary of the Numismatic Society of Auckland, as well as models and documents relating to the career of John Butler, a privateer of New Shoreham at the turn of the nineteenth century, deposited by Mrs D.W. Russell and her son Euan.

The Studio pottery section in the Logan Campbell Gallery has featured early New Zealand pottery as well as selections of contemporary studio pieces from New Zealand, Australia, Germany, Britain, Japan and the U.S.A., with an emphasis on recent acquisitions. To mark the twenty-first anniversary of the establishment of the Auckland Studio Potter's Association, the entire collection which the Association has deposited with the museum was placed on display.

Considerable re-organisation has taken place in the silver display with a number of additions by way of donation helping to offset the withdrawal of the Cummins collection which had been on loan for many years. Regular attention has been given to maintaining the silver and pewter collections by Mrs A. McBirney, as with the inspection and airing of the textile and costume collections by Mrs McBirney and Mrs Smith, who has completed the checking of the inventory of rugs and the careful vacuuming of the collection. Mrs McBirney has completed the cataloguing of the collection of watches for the Hon. Curator, Dr David Smith, as well as a large collection of horological equipment which he has borrowed from the Horological Institute of New Zealand for display adjacent to the clocks and watches.

The collections have grown with notable purchases and gifts. Without listing all of the year's acquisitions, purchases included a fine Gothic-revival side table of about 1850, a gold key presented to His Excellency the Earl of Liverpool on the occasion of the opening of the Auckland Exhibition, 1913, two jewelled medallions made in New Zealand early this century by Anthony Kohn, a set of pre-Columbian bronze cloakpins, examples of the work of several pioneer New Zealand potters as well as pieces by contemporary studio potters, six pieces of weaving by the pioneer New Zealand studio weaver Olive Hay of Hamilton whose work was featured in one of the weaving display cases during the year, contemporary glass by Tony Kuepfer of New Plymouth and Mel Simpson of Auckland, a cane bowl by Ruth Castle of Auckland, a lady's dress dated 1910, and textiles from Indonesia.

Once again we have been greatly indebted to funds made available from the Disney Art Trust in making such purchases possible.

Gifts have included seven pieces of modern German pottery presented by the New Zealand Society of Potters, a provincial Georgian mahogany chair from Dr and Mrs Atkinson, a lantern clock bequeathed by Mr L.E.R. Wakeman, a four-piece sterling silver tea service (Chester, 1910) from the Estate of Mr and Mrs Percy Harrison, a death mask of Dame Nellie Melba and a rare recording of her voice from Mrs Jessie O'Sullivan of Huntly, a thirty-nine piece Crown Derby late eighteenth century teaset with a selection of Georgian and Victorian silver and other assorted items from Miss A.T.H.B. Cumming, a piece of cameo glass by Emile Galle from the Estate of Mr H. Melville Pountney, a monetary donation of \$1,000 from Mrs D.F. Hitching of Meadowbank for the purchase of Oriental art, fifty-nine pieces of Indonesian folk art and other Asian artefacts presented by Mr A.G.W. Dunningham of Point Wells, Matakana, for the Margaret M. Dunningham Collection, and a collection of national importance relating to the growth and development of the wine industry in New Zealand ranging from an 1863 wine press of New Zealand's first professional

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winemakers through prize medals, labels, bottles, coppers, photographs and documents, presented by Mr Dick Scott of Auckland.

B.D. MUIR

E. Earle Vaile Archaeologist

During the year I submitted my Ph.D. thesis, "The Archaeology of a Military Frontier: Taranaki, New Zealand, 1860-1881." Material excavated in the course of this research was labelled and organised over the winter with the assistance of Moira White who was employed under the Temporary Employment Programme. This material is to be returned to the Taranaki Museum.

Other research was also concentrated in Taranaki where I continued my programme of mapping Maori pa in the region south of New Plymouth. Field work carried out in November-December, 1979, and in April, 1980, was written up and published in the *Records* (1980). Further field work from 10 November to 7 December, 1980, resulted in maps of about 25 more sites. A grant was received from the New Zealand Historic Places Trust, and support came from the Student Community Service Programme. This work is now being written up.

During the year I continued my work as Editor of the *New Zealand Archaeological Association Newsletter*, and as editor of a proposed volume of New Zealand regional prehistory studies. As Editor of the *Newsletter* I served on the Council of the Archaeological Association.

I attended conferences and meetings of the Archaeological Association at Palmerston North over Queen's Birthday Weekend, the Museum Anthropologists Group in Wellington in August, and A.G.M.A.N.Z. in March, 1981. The Museum Anthropologists Group has recently been established to bring museum anthropologists in New Zealand together for discussion of common problems and interests. It has already proved most valuable, especially to those, like myself, who have only recently come into the profession.

During the year an important collection of Samoan material from excavations carried out by Dr Jennings of the University of Utah has been received on loan. Other material received has been confined mostly to artefacts forwarded to the Museum under the Antiquities Act. Assistance was given to a number of staff and students of the Universities of Auckland and Otago and others who made use of the collections.

Over the year I visited excavations being carried out at Fort Galatea (Murupara), Kawerau and Motutapu Island (the 'Sunde site'). I was also able to visit Mr Bob Murdoch of Hikutaia to see the collection of his late father, mostly from the Hauraki Plains site of Oruarangi. A large number of enquiries were dealt with from the general public and from local bodies and other organisations. A number of talks were given over the year to audiences which included the annual conference of the New Zealand Society of Genealogists in March.

Honorary Archaeologist, Lady Fox, continued her own research and has also been a great help in a number of conservation and other matters. Her research has concentrated mainly on a study of carved Maori bone boxes. Lady Fox has recently been appointed an Honorary Fellow of University College, Cardiff.

N.J. PRICKETT

Botanist

Despite part-time staffing for much of the year due to the changeover in Botanists, the Botany Department has continued to meet the needs of scientists, correspondents and the general public whilst endeavouring to maintain the day-by-day management of the Herbarium.

Miss J.H. Goulding retired in mid-April, 1980, but returned from May to June for two days each week to attend to urgent business. From July, 1980, I accepted Miss Goulding's part-time duties until I took up the full-time position of Botanist on 1 March, 1981. Following her retirement, Miss Goulding was appointed Honorary Research Associate in Botany to facilitate her continuing work on aspects of New Zealand botanical art and the biography of T.F. Cheeseman. Mr E.B. Bangerter, Associate Botanist, continued to provide much appreciated voluntary assistance with the curation of our New Zealand adventive plant collections. Once again his weekly work led to a further publication in the *Museum Records*. Over the summer, two students were employed under the Student Community Service Programme, allowing us to keep a check on the rather alarming buildup of routine work. Throughout the year, voluntary assistance in the Herbarium has been given by Dr R.O. Gardner, Mr G. Straka, Mrs M.M.G. Wright and Mrs J. Dow, to whom I extend my appreciation.

Early in 1980, the botanical community in Auckland was greatly saddened by the death of Mrs P. Hynes, Associate Botanist at the Museum until her retirement at an advanced age in 1978. Even before her name appeared on the Honorary Staff list in the 1956-1957 Annual Report, she had been working in a voluntary capacity at the Museum for many years. She was closely associated with the Auckland Botanical Society, including 15 years as its Secretary, and throughout her time with the Society and Museum did much to foster young people's interest in plants. I gratefully record the very real help and encouragement given me by Mrs Hynes, from my first visit to the Museum Botany Department as a schoolboy, right up to her death. Perhaps the greatest memorial to her botanical endeavours is found in the many thousands of beautifully pressed, mounted and labelled plants collected by Mrs Hynes incorporated in the Museum herbarium: the geographic distribution, taxonomic spread and numbers of which rival the collections of T.F. Cheeseman, founder of the Herbarium.

Visitors to the Department have included numerous DSIR scientists from throughout New Zealand; in particular Mr A.E. Esler, Dr B.W. Hayward, Mr W.R. Sykes and Dr C.J. Webb are thanked for identifications and other assistance during their visits. Mrs C.F. Harvey has continued her work on Australasian *Pomaderris* in the Herbarium and a number of other students from the University of Auckland have utilised the collections in their studies.

I have attended regular meetings of the Advisory Committee on Government House Gardens, and assisted the Ministry of Agriculture and Fisheries in location and identification of colonies of Johnson grass around Auckland. Numerous identifications of plant material have been carried out for local bodies and members of the public.

Through the Auckland University Field Club and the Offshore Island Research Group I have been able to visit Cuvier, Tawhiti Rahi (Poor Knights) and Rakitu (Arid) Islands over the past year, and return with valuable additions to

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the Museum collections. There has also been useful collaboration with the Herbarium in the University's Botany Department, and Mr E.K. Cameron is thanked for arranging the addition of useful duplicate material from this source. Further donations of specimens from Dr K. Aziz, Mr E.K. Cameron, Drs I. & O. Degener, Mr A.E. Esler, Dr R.O. Gardner, Ms B. Groth, Messrs J. McCallum, P. Schofield and G. Straka and Prof. H.B.S. Womersley were received with thanks.

Annual Botany Department statistics show significant increases over recent years. Numbered collections increased by 2953 for the year, up by 1200 on the previous year. Loan activity was very high with 23 incoming loans from 17 institutions totalling 704 specimens. 17 outward loans of material from the Museum collections totalling 751 sheets were sent to 6 herbaria in Australia, Canada and New Zealand. Our exchange programme with other herbaria continues to flourish: during the year 1017 specimens from 6 herbaria were received and 321 specimens sent out (with a large number awaiting despatch).

A.E. WRIGHT

Curator of Display

The Museum's major display project over this period has been, of course, the completion of the Auckland Landscapes Gallery. This occupied Display Artist Peter Gossage fully from his appointment in March until the opening in November, and also involved myself to a considerable extent in its latter stages. This has made more apparent than ever the inadequacy of a display staff of two full-time persons to cope with the ever increasing maintenance and renovation required throughout the galleries.

Meanwhile the year's programme of Temporary Exhibitions has been as comprehensive as ever, the most notable being 'Tsutsumu — the art of the Japanese Package'. A special effort was made by the display staff to evoke a suitably Japanese environment in which to display the numerous items. Other exhibitions mounted this year included George Forster, Von Tempsky, 'Wilderness 5', Valcomonica Rock Art, Japanese Fabric Dyeing and a joint showing of Photographs of the Southern Alps and Botanical paintings and drawings.

On a smaller scale, temporary exhibitions have also included the showing of Horological Society's material in the Furniture Hall, Noel Cusa's watercolours of Endangered Species of New Zealand in the Botany Hall, and Harry Sangl's paintings of Maori Moko in the Maori Court. The notable accessions case adjacent to the Entrance Foyer has also been used this year to display, among other things, the re-lashed sacred adze Iriperi Ko Tama, a Lantern Clock, casts of palaeolithic figurines and the Ngataranga Bay God Stick.

Since the renovation of the four major carving cases on the north wall of the Maori Court, the material has been returned to display. While these cases still await final lining and labelling, the accessibility of the objects, particularly the Kaitaia Lintel, has allowed their occasional removal for photographing and filming.

Involvement with publications has considerably occupied the display staff over the past year. Four issues of Museum News have been designed and printed in the year. Occasional illustrations for the Museum's Records, and particularly preparation of Mr Simmons' *Bulletin* on Maori objects in American and Canadian Museums has occupied considerable time.

Time has also been given to rethinking the Museum's image with respect to letterheads, gallery plans and publicity. A notice board has been designed and installed in the Entrance Foyer; a plan to rationalise the gallery layout of the Museum has been prepared, and improvements to the Exhibition Hall lights and fittings have been designed and suggested.

Out of town visits this year included attendance, with the Director, at a Museum Seminar at Waihi, and also involvement with a weekend workshop arranged by the Waikato Art Museum.

R.J. WOLFE

Education Officer

Summary of attendances for one-hour visits: Primary, 28,776; Intermediate, 8,153; Post Primary, 5,434; total, 43,183.

Student teachers on section: N.S.T.C., 37; A.T.C., 9; total, 46.

Visiting students for lectures, tours: N.S.T.C., 158; A.T.C., 241; Secondary Coll., 29; total, 428.

Exchange of Museum Loan Cases: City schools, 874; Provincial schools, 984.

The Maori displays continue to be the main feature attracting one third of all visits, although there has been an increase in the natural sciences, notably in Earth Science. Many schools have visited Auckland Landscapes display, as part of a general tour and in conjunction with their studies on Geology and Geography.

The programme to improve the provision of information material for teachers, in support of their studies in the Museum has proceeded with the addition of a teaching unit on the Hall of Fishes, an activity sheet and teacher notes on the Hall of N.Z. Birds, a plan and introduction to Auckland Landscapes display, information on the development of Housing in N.Z. 1840-1900 and a Classification of Rocks.

The Oceans Society of New Zealand has generously donated \$450 to provide teaching materials for studies in the Hall of Fishes.

The help given by student teachers, from the Auckland Teachers College and the North Shore Teachers College, in assisting classes with their visits and the lowering of the pupil/teacher ratio has been of real benefit to the pupils and to the Education Service. The students have not only gained in teaching experience but have also received a full introduction to the Museum and its resources. Nine groups of student teachers were given lectures on Role-play, Aboriginal culture, Archaeology, Geology and Paleoecology.

A two-week Inservice course on Children with Special Abilities was attended by S. Ensor, and several groups of children with special abilities were given instruction in Term 3. Two one-day Inservice courses were conducted for Intermediate and Secondary School teachers in Science.

The manufacture, distribution and general maintenance of Museum display cases has continued to function smoothly throughout the year under the care of John McCaw. A new display case on Colonial Housing has been completed and a finely detailed model of a scow has been constructed to aid teaching of early Auckland transport.

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City schools show an increasing interest in the use of loan material. There has been a steady decline since 1976 in the use of cases by Country Schools and there is need to investigate the structure of the 'circuits' (groups of schools) interchanging cases. It is suspected that increased costs of transport may be hindering the exchange of cases between schools. An evaluation of the service is being conducted in 1981.

The Education Service is now well equipped with audio-visual equipment, office and classroom furniture and teaching materials and the Service is very appreciative of the efforts of the Education Board's administration staff for their prompt action in up-grading our equipment and fulfilling our requirements.

Up-grading of storage of artefacts providing easy access, self-checking and protection has been proceeding throughout the year. A large cupboard containing 20 drawers, with foam-plastic inlays, has been constructed to house material relating to N.Z. Bird studies. A large quantity of N.Z. bird and mammal skeletal specimens has been received from the Museum Ornithologist, Mrs Sylvia Reed. This material has been most useful. Replicas have been made of the more delicate or valuable artefacts (early Maori fishhooks) and a generous grant from the McKenzie Educational Foundation of \$225 for resins will assist to further preserve delicate material for pupils to handle and study. The Geological collection of handling material has been increased and now provides excellent teaching material catering for Primary pupils through to Teachers College Students.

The Education Service would like to extend thanks to the Auckland Education Board for its efficient administration of our service and the support of the Education Department's officers for their professional advice.

The very full support of the Director and staff of the Museum in providing facilities, collection material, advice and information has been appreciated, and has added significantly to the services we offer to children, students and teachers.

I would like to thank Mr G. Freeth for his constant co-operation in operating the Planetarium service.

J.S. ENSOR

Entomologist

Under the Temporary Employment Programme Rodney Hitchmough, M.Sc., continued working in the Department until July, 1980, and Michael Ashby, M.Sc., assisted from April to July. Peter Quin continued illustrating insects under the Student Community Service Programme during the May and summer vacations while Michael Thomas also worked here in the summer vacation. Consequently, a considerable back-log of work has been cleared and many collections re-housed, sorted and made available for use as required.

Mrs J. Gurr (Entomology Assistant) continues to give valuable assistance in the Department curating the collections and handling incoming insect material.

With assistance from Rodney Hitchmough in recording, tabulating and mapping, results of a Monarch butterfly tagging project carried out in the 1967-74 period were collated. Subsequently I completed a paper on this project which was published in Volume 17 of the *Records*. While the hoped for indications of regular Monarch movements and/or migrations in New Zealand were not then

found, the data recorded has yielded worthwhile information on this butterfly in this country.

Further work has been done concerning Pacific Islands insects continuing that reported last year. I was able to complete identification of Pacific Islands Odonata (dragonflies) in our collections and the results were published in *Records*, Volume 17. This study is continuing on Odonata in the Entomology Division collections (D.S.I.R., Auckland) and preliminary work on Pacific Islands Neuroptera (lacewings) has also been done. Dr P.A. Maddison of Entomology Division is currently handling our Pacific Islands Coleoptera.

In December, I was a member of an entomological expedition to the Poor Knights Islands organised by Entomology Division, D.S.I.R., Auckland. This was of particular interest as the six members of the expedition were all engaged in insect collection and observation. The Poor Knights are already known for some large endemic species, particularly wetas, and it is expected that results will yield much new information. The opportunity to participate in this expedition and permission from the Hauraki Gulf Maritime Park Board are both much appreciated.

A visitor, Dr Antti Jansson of the Zoological Museum of Helsinki, Finland, came to work on some of our aquatic insect collections in August. He is a specialist on a family of aquatic bugs (Corixidae) which make sounds underwater. Dr David C. Miller of the City University of New York, U.S.A., visited the Department in March, 1981, and is currently working on our beetles of the Family Hydrophilidae which includes aquatic species.

Having received a grant from the Lottery Board of Control Scientific Distribution Committee, preparations were made for a study visit to Australia particularly to work on Macquarie Island Collembola (springtails) with a colleague in the South Australian Museum. This visit started on 22 March, 1981, and subsequently was very successful.

The *Records of the Auckland Institute and Museum* were edited and produced again; Volume 17 was published on 17 December, 1980.

K.A.J. WISE

Extension Officer

The extension service circulating displays, some of which have been in use for thirty years, are receiving a much needed renovation. Mr Gossage has completely reconstructed 'Uses of Shells through the Ages', 'Kiwis', 'Land Snails of New Zealand', 'Shields of the World' and 'Shields of the Pacific', giving them an updated look. These displays will match in appearance the new display panels he has made during the year which were — 'The Origin of the Post', made with the assistance of Mr Stephenson, 'British Troops in New Zealand' with the assistance of Mr Prickett, and 'Paper', a description of the manufacture of paper. With the advent of these new displays, I have been able to establish a new display site at Morrinsville High School who have had an empty cabinet waiting since 1978. The exchange of the displays four times a year throughout the provincial area from Kaitaia to Taumarunui has been carried out and on the occasion of each exchange, the local newspaper is informed and a brief description of the new display is supplied to the editor.

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All our travelling exhibitions have now completed their planned circulation. 'Japanese Bronzes of the Late 19th century' has been seen in 23 centres. Its acceptance was somewhat limited by the fact that the display was not protected by glass and any organization exhibiting it had to provide adequate supervision. On the other hand the nature of the exhibition lent itself to wider distribution than museums, and several Arts Societies have used it. 'Fishes of Northern Waters' has been exhibited in 21 centres and has received much favourable comment. Although 'Regional Variations in Maori Carving' completed its circulation last year it has been on special loan to three museums during this year.

A one-day seminar for museum workers in Northland was held at Kaikohe in July. Speakers from our staff were Mr Park, Mrs Smith, Mr Muir, Mr Thwaites and myself. Attendance was good and topics discussed covered the recording, care and storage of museum collections. Representatives for Thames and Papakura museums have called to discuss with us aspects of the design and organization of their museums.

The Workers' Educational Association lecture series 'Know Your Museum' was held twice this year with numbers in each course restricted to 15 as we have found in previous years that groups with numbers over 20 were too large. Lectures in 1980 were — The Museum and its services, Mr Park; The Cheeseman Herbarium, Miss Goulding; The Textile Collection, Mrs Smith; Exotic Insects, Mr Wise; Shells as a Hobby, Mr Cernohorsky; The Museum library, Mr Thwaites; Archaeology and the Museum, Mr Prickett; Maori and Pacific Art and Civilization and Economy, Mr Simmons; Asian Ceramics and History of English Furniture, Mr Muir; Fishes of New Zealand, Mr Stephenson.

The handling of bookings and enquiries for the Auditorium continues to be part of my work. During the past year there were some 34 private bookings and 45 museum related bookings.

Over the last year 654 public sessions were held in the planetarium. In addition to 202 school sessions, special lectures were given by Gary Freeth to the Yacht Navigation Society, University Continuing Education Navigation classes, various Scout and Guide groups, and to groups of advanced children. During the year a special lecture on survival navigation was also given to a group of specialist army personnel from the R.N.Z. Infantry.

J.H. WADHAM

Librarian

It is again pleasing to report another year of progress in which use of the library by members and others increased greatly. It has been particularly gratifying to see so many new members using the library's resources and there is no doubt that a large proportion of those visiting the library for the first time subsequently decide to make application for Institute membership. Again I should like to mention the generous response by members to the Library Purposes Fund Appeal and as in previous years this has made possible the purchase of two limited edition works, the special edition of the *Native Trees of New Zealand*, by J.T. Salmon, and the *Life and Art of William Strutt*, by Heather Curnow. In addition the Fund was used for the purchase of a collection of over 300 glass negatives taken by the late Professor W.R. McGregor. These photographs show the Waipoua Kauri Forest at various stages between ca. 1920 and 1950 and include both panoramic views of the forest and more detailed

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photographs showing forest regeneration. Finally yet another welcome use of the Fund was the purchase of a set of microfilms of the entire Harleian Society Register series. This important series includes Parish registers of births, burials and marriages for many London churches.

A dramatic rise in the extent of genealogical enquiries was experienced and this includes both written and oral requests. This is of course a common phenomenon for librarians and archivists nowadays and it hardly needs pointing out that these enquiries while invariably interesting and worthwhile, are sometimes extremely time-consuming. For the moment we are still able to provide a satisfactory level of service for this type of enquiry. Naturally, librarians consult each other on such matters of common interest and I would like to thank in particular Miss Pat French and Miss Janis Bell of the Auckland Public Library for their assistance. Also worthy of special mention are members of the North Shore Group, New Zealand Society of Genealogists, who are making good progress in indexing personal names contained in 30 bound volumes of Death Notices. These volumes contain death notices published in both main Auckland newspapers, 1910-1975, and form an important genealogical resource. Finally I should like to express my gratitude to the Auckland Branch, New Zealand Founders Society who have presented 20 volumes of the publications of individual Founders Societies throughout New Zealand, and in particular to Mrs Helena Jackson and other members who indexed this collection.

Many notable donations were received from members and others and I should like to mention a few of these. Mrs Hilary Reid presented a set of the rare newspaper, the *Aucklander*, 2 May 1861 — 6 March 1863. The late Mr John Farrell was associated with J.C. Williamson Theatres Ltd. for many years and his large collection of music and theatre programmes were donated by Mrs R.K. Whittome. Wilson and Horton Limited presented a set of the *Weekly Herald*, an Auckland newspaper published between April 1866 and December 1876. A set of the scarce periodical, the *New Zealand Transport Worker*, 1923-1950, was given by Mr Dick Scott. The late Mr Peter Mathews was a member for many years and from his estate has come an important collection of 150 books relating to mountaineering and weapons, and in addition many titles about the American Civil War and the South African War. Mrs E.O.M. Brett donated an interesting watercolour painting by an unnamed artist, depicting Waiwera, ca. 1860.

There were many interesting and important manuscript items added to the collection and regrettably there is space to mention only a few of these. A selection of letters and biographical material relating to the late William John Simkin, Anglican Bishop of Auckland, 1940-1960, was received on deposit from Archdeacon A.E. Prebble. The papers of several organisations were also placed on deposit including Auckland Hospital Board, Auckland Branch, Young Women's Christian Association and Alpine Sports Club. Three letters relating to Bishop G.A. Selwyn were placed on permanent loan by Rt. Rev. G.R. Monteith, and Mr J.P. Webster presented an original letter from Bishop Selwyn to General Sir James Alexander, 1873. Mr A.H. O'Keefe donated a comprehensive set of documents relating to Taupo County. Mr O'Keefe was Taupo County Commissioner from 1954-1962 and included in this donation are maps, photographs, reports and newspaper clippings covering his term of office.

The Photograph Collection was again heavily used and many requests were received for copies from original negatives and also from published items in the

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library's collections. A great deal of Mr Maitland's time was spent in the processing of these orders for photographic copies and all too little time was available for the accessioning and classifying of incoming material. Several important collections of photographs were received by donation. Mr R.E. Combes gave over 100 glass negatives depicting Auckland City and Waterfront, ca. 1900-1920. Seven photograph albums assembled by Edward Gordon Williams, Wellington Mounted Rifles, during service on Gallipoli and in Palestine, were presented by Dr Stephen Williams. An album of photographs showing John Webster of Hokianga and his family was donated by Mrs E. Cheal. These photographs are especially important in view of the library's holdings of Webster drawings and watercolours.

Also worthy of mention are some of the many significant items lent for copying. Mrs J. Styles supplied an album containing several original watercolours by Charles Heaphy and other artists including I.A. Sewell and I. Connell. Most of the paintings were executed about 1864 and include Heaphy's version of the wreck of *H.M.S. Orpheus*. Approximately 150 historic photographs of Port Albert and its early residents have been copied for the library by Mr Cliff Grant of Wellsford. These photographs are on display in the Port Albert Museum and the copying has been carried out to ensure that good copy negatives are made before any serious deterioration occurs in these important records. When finance permits, copy prints will be supplied to the Port Albert Museum and these will be used to replace the prints now on display.

Mention should be made of the increasing effort made to acquire materials relating to Museum studies. For example a wide range of publications issued by the American Association for State and Local History has been purchased. These include handbooks on such subjects as small museum management and registration methods, and the transcribing of oral history. In addition there are over 120 Technical Leaflets issued by this Association. Files of major journals such as *Museums Journal*, *Museum*, *Museum News* (American Association of Museums) and *History News* (American Association for State and Local History) are now held. It is hoped that funds may be available in the coming year to purchase duplicate copies of important texts so that libraries and small museums can borrow these.

In August the 4th Conference of the Archives and Records Association was held in the Museum and I gave a brief address on the scope of items in the library's Manuscript Collection. One of the Conference themes was to survey manuscript and archive holdings in the Auckland Province and I produced a typescript inventory for delegates titled *A Preliminary List of Manuscript Holdings Relating to Localities in the Auckland Province*. Copies of this inventory are available for inspection in the library. On the day following the Conference Mr Maitland and I gave delegates an intensive tour of the library's Manuscript Collection. Special tours were also arranged for delegates to the weekend seminar of the New Zealand Society of Genealogists, held in March. During the year I also addressed meetings of the Auckland Branch, New Zealand Founders Society, and the Howick Group, Herb Society. Mr Maitland talked to a group of advanced students and academic staff at Auckland University about the library's archaeological holdings.

Miss Rosalind Wilson was employed in the library under the Labour Department's Temporary Employment Programme. Rosalind was with us for over

seven months and accomplished many important tasks, including the indexing of several hundred marine biological reprints, and the accessioning of photographic prints and negatives. She remained on the library staff while Miss Calder was in Wellington attending Part 1 of the New Zealand Library Certificate Course. We were also pleased to obtain the services of Misses Gillian Driver and Anna Gethin-Jones under the Student Community Service Programme; their presence greatly eased the pressure on library staff.

We are indeed fortunate that the library has so many friends who provide assistance whether it be in the form of donations of books or contributions to the Members' Library Purposes Fund Appeal. In the preceding paragraphs I have specifically mentioned a few of these generous gifts and one only has to count the names in the section under *Library Gifts* to appreciate the extent of these donations. As in past years I should like to conclude by mentioning a few persons who have rendered special assistance and a reading of this and previous reports will make it obvious that without this support our standard of library service would suffer greatly. We are indebted to our voluntary assistants, Mr S.G. Brooker, Rev. A.B. Catley, Miss O.G. Poole and Mrs P. Sayes. Some of their achievements are worth noting: indexing of 15,000 negatives in the Bond Collection of Yachting Photographs; a complete shelf-check of the New Zealand Periodicals Collection; a typed transcript of the log of Rear Admiral Robert Jenkins of H.M.S. Miranda; compiling of summaries of over 100 major groups of manuscript holdings for notification to the National Register of Archives and Manuscripts in New Zealand. Several other members have given valued support throughout the year and I would especially like to mention Mr J.A.S. Burns, Mr D.A. Corbett, Miss E.A. Evans, Mrs V.E. Mossong, Mrs M. Nash, Mr R.B. Sibson, Mr E.G. Turbott, Mr P.K. Warren, Mr J.P. Webster and Mr R. Young. Finally I should like to express my appreciation of the efforts of the library staff who accept an ever-increasing work-load with cheerfulness and enthusiasm.

I.G. THWAITES

Malacologist

The Department has continued to provide service to the public with identifications, advice on cleaning, collecting and preserving specimens, scientific literature and other pertinent information. I am grateful to Dr A.W.B. Powell for his continued assistance with enquiries relating to New Zealand Mollusca.

Assistance with identifications, taxonomic and related problems has been given to Dr H. Turner, Swiss Federal Institute of Research; the Biology Department, University of Papua New Guinea; Lytton High School, Gisborne; Dr G. Greifeneder, Schwenningen, Germany; Dr Walossek, Hamburg; The Anthropology Department, Auckland University; Dr A. Carrier, National Museum and Art Gallery, Port Moresby; Plant Health Diagnostic Station, Mt Albert, and Dr M. Dzurtubaev, Odessa State University.

Requests for the loan of and information on types have been received from various Institutions. In addition, type specimens have been received on loan from the Museum National d'Histoire Naturelle, Paris; Bernice P. Bishop Museum, Honolulu; the Academy of Natural Sciences of Philadelphia; the Smithsonian Institution, Washington; British Museum (Natural History), London; Institute of Malacology, Tokyo; South Australian Museum, Adelaide;

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National Museum of Victoria, Melbourne; Museum of Comparative Zoology, Harvard University, and the National Museum of N.Z., Wellington.

A collection of 10 molluscan species from Pitcairn Island was donated by Miss B. Groth. Paratypes of new species described by me during the year have been donated to the National Museum of N.Z., Wellington; the N.Z. Oceanographic Institute, Wellington; the Australian Museum, Sydney; the British Museum (Natural History), London; the Museum National d'Histoire Naturelle, Paris; the Academy of Natural Sciences, Philadelphia, and the Smithsonian Institution, Washington.

During the year visitors to our Department for the purposes of study were Mr J. Trondle, Papeete, Tahiti; Dr Buckeridge, Carrington Technical Institute; Mr Penniket, Auckland University; Dr P. Maxwell, N.Z. Geological Survey; Mrs Rowe, Mrs Wilson and Mrs Clark, Hamilton and Auckland; Mr R. Day, Honolulu; Mr G.H. Browne, Auckland University; Dr R. Willand, Queensland University; Dr's H.E. and E.H. Vokes, Tulane University, New Orleans; Dr W. Zinsmeister, Institute of Polar Studies, Ohio State University, and Dr Les-Setti, Italy.

From the 2nd to the 14th November, 1980, I visited Australian Museums with the aid of a Lottery Profit Scientific Distribution Committee grant given to assist study towards a monograph of the family Nassariidae of the New Zealand-Australian region. Museums visited were the Australian Museum, Sydney, the National Museum of Victoria, Melbourne, and the Tasmanian Museum and Art Gallery, Hobart. Most of the work was accomplished as planned despite the Australian airline refueller's strike which upset travelling schedules. The monograph has been completed and is scheduled for publication in the 1981 volume of our *Records*.

During the year the Department was fortunate to secure the services of Mr J. Heeringa as a photographic technician under the Temporary Employment Programme. During his stay Mr Heeringa accomplished a great deal of photographic work for the Department. Under the Student Community Service Programme Mr T. Bell assisted in our Department mainly compiling distributional records for Australia-New Zealand species of Nassariidae.

Molluscan material collected in deep water (400-600 m) by the "Benthedi" and "Vauban" expeditions to the Mozambique Channel and off the S.E. tip of New Caledonia has been submitted to me for identification and research, and the ultimate publication of results, by the Museum National d'Histoire Naturelle, Paris. Since such deep water material from these regions is rarely seen, invaluable scientific data has been compiled and extreme range-extensions and some new species have been noted. Other research has dealt with molluscan species described by J. Hervier last century from Lifu, Loyalty Islands, a monograph of world-wide Terebridae, and molluscs of the Indo-Pacific in general.

Our Department has continued to provide quarters for the Auckland Institute and Museum Conchology section, which in November 1980 celebrated the 50th anniversary of its founding. Two lectures on "Shells as a hobby" were given in the Workers' Education Association lecture series during the year. Submissions in regard to endangered species of N.Z. terrestrial molluscs were forwarded to Prof. Williams, Lincoln College.

W.O. CERNOHORSKY

Honorary Research Associate in Mollusca

On the 11th of October, 1930, a group of five small boys formed themselves into a Shell Club, under my patronage, to meet after school, one day a week, at the Mollusc Department of the Auckland Museum.

From that small beginning has grown an enthusiastic membership of over 350, adults as well as students, who in October last, celebrated their 50th Anniversary with meetings, lectures, displays and field days. At a dinner party I was presented with a fine gift, consisting of a handsomely bound volume of letters expressing appreciation for my dedication in furthering and fostering molluscan research. These letters came from far and wide from colleagues in New Zealand and overseas museums and universities, containing many almost forgotten anecdotes and humorous incidents that makes the rereading of them a constant source of delight.

The three-day anniversary gathering, which was well attended, was officially opened by Dr Lindo Ferguson, President of the Museum Council, followed by speeches by Sir Charles Fleming, Professor John Morton, myself and other Club members.

It was pleasing to note that three of the original five school-boy members of the Club were actually present at the Anniversary and also that kindred shell-clubs now operate in Whangarei, Wellington, Christchurch and Dunedin.

A number of requests for identifications relating to New Zealand marine and land molluscs have received attention. A report was also prepared and forwarded to the Wildlife Service of the Department of Internal Affairs on whether the occurrences of the land snail *Placostylus hongii* on Great Barrier Island were natural, or were introductions from the mainland by Maoris as food.

A. W. B. POWELL

Marine Biologist

A general improvement of species catalogues, giving a wider coverage of invertebrate collections was achieved, and a photographic register to accompany the main catalogue is in preparation. Under the Temporary Employment Programme an index was prepared to several hundred marine biological reprints as part of the departmental library. Collections of fish otoliths were upgraded; material deposited by Rev. F.W. Webster was transferred to new storage and catalogue facility; and additional sampling has commenced to give wider representation of fish species, size ranges or habitat distributions.

Similarly an effort was made to improve the scope and function of the Maritime catalogue. This was to provide descriptions and present locations of material, and cross-indexing of information compiled by other departments prior to the establishment of a separate maritime department.

Lecture/demonstrations, relating to the diversity of fishes, whales and dolphins, and the distribution of sea life, have been provided for a number of adult and school groups. As a result of experience gained during exploratory deep-water prawn trawls in the Bay of Plenty, an opportunity was taken, by invitation, to lecture on those trials to the New Zealand Shore Fishermen's conference, and also to discuss fishing prospects. Several fishermen who intend to work this zone have inspected our collections to gain some prior knowledge of the fauna they will encounter. Technical literature and advice was also provided

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to meet specific requests from commercial fishermen. Brief assessments of potentially useful invertebrates, including swimming crab, sea urchin, paua and fresh-water crayfish, were prepared, and for Thames-based groups information given relating to pollution effects on coastal marine environments.

Further research data of the host/parasite relationship from flounder were obtained during a visit to a processing factory in Thames. The situation proved particularly useful for the high numbers of flounder landed here by individual fishermen so that particular catches and infestations could be accurately localized within the Firth of Thames. Information on the isopod *Aega angustata*, a new record for New Zealand waters, was published. A redrafted manuscript on the genus *Livoneca* is in preparation.

During the window replacement programme in the Maritime Hall the large anchor from H.M.S. Bounty was removed, and after conservation was resited to provide greater visual impact and improved security. A revised display of the ship's bridge area is in preparation. Assistance and information was provided for a new extension service panel entitled 'Origin of the Posts', giving a brief review of early postal history.

A. B. STEPHENSON

Associate Ornithologist

Bird artists and illustrators made increasing use of the department's collection; persons among them internationally known were Raymond Ching and Peter Hayman.

Loans for lectures, demonstrations and displays, especially during Conservation Week, were much in demand. Some specimens for these purposes need fairly frequent replacement. Regular borrowers include the Auckland Acclimatisation Society and two public libraries.

Specimens of beach-wrecked birds have been brought in for identification and advice has been sought on the treatment of sick and injured birds. The Port Agriculture authority requested the identification of a snake sent into the country by post.

Skeletal material and characteristic examples of bird bills, wings and feet have been supplied to the Education Service. Mounted specimens were provided for the Auckland Landscapes exhibition. A representative collection of mounted birds has been loaned indefinitely to the Auckland Regional Authority for display at their information centre in the Waitakeres. Kiwi eggs were loaned for a study on shell composition. Bird bands removed from dead birds and sent in by the public have been forwarded to the Banding Office in Wellington. Close liaison is maintained with Mr R.L. Palma, entomologist, National Museum for his continuing research on Mallophaga.

Visitors included a number of nature study groups from U.S.A., a bird author from New Caledonia and another from Papua New Guinea.

SYLVIA REED

Curator of War Collections

The military medals in our collection have been placed in individual packets. About 300 specimens have been catalogued and an index of all the medals prepared which gives access to the collection from both the name of the medal and the name of the recipient, so that the collection is now in a state in which it

can be used for research. All the medals on display were taken down, cleaned and remounted on black card which enhances their appearance.

Temporary displays set up during the year were 'Gallipoli', 'The Home Front 1939-45', 'Uniform of Brigadier Kenrick', 'Sword Sticks and Shooting Sticks', 'The Boomerang Bomb', 'Evader' (escape equipment) and a display of some of the German papers held in our library.

Lectures on the history and development of firearms have been given to several groups, including a series of one hour tours during the school holidays. Requests for the loan of military materials for special occasions have been met where security and police requirements make it possible.

Mr W. Ruffell was good enough to devote an afternoon to the identification of our collection of projectiles and shellcases, and he receives our grateful thanks for arranging the disposal of a dangerous specimen.

With the assistance of a student worker, Mr P. Russell, much of our collection on open display has been cleaned and polished. Mr Russell also devoted some time to the care of the sword collection.

J.H. WADHAM

Conchology Section

As this was the 50th Anniversary Year of the Section, celebrating the founding of the Club by Dr A.W.B. Powell, preparation for this event was passed on to the members to help in the celebrations held 25-27 October, 1980. This was possibly the most venturesome project undertaken by the Club, and according to all that attended it was a great success. The Section held a formal gathering on Saturday 25 October which featured guest speakers, including several foundation members, and others from New Zealand who are all currently concerned with N.Z. Mollusca. An anniversary dinner was held at night, and at this gathering a formal presentation was made to Dr Powell. A shell auction and a field trip took place on Sunday, and Monday saw members heading off to Waiuku to view a member's collection and private museum.

The Section's membership has fallen this year, with a net loss of 30-40 members.

A field trip held by the Life Trust at Miranda was attended by members in March. Again this year, suitable low tides in the weekend prevented organized trips being held, although many members have reported back from satisfying trips both around New Zealand and overseas.

Messrs Rick Boyd, Andrew Penniket, Ken Grange, Professor Morton, and various Club members provided the monthly talks.

Only two parts of *Poirieria* were issued during the year, which is rather disappointing, but material has been almost non-existent. A special Anniversary Issue featuring the history of the Club was produced. Special thanks are due to Mr and Mrs N. Gardner for their effort in producing this publication.

Sincere thanks are again given to the Museum Authorities and to Mr W.O. Cernohorsky for their help to the Section, and for the facilities provided for our monthly meetings.

AIM Ann Report 1980 to 1981

Present Officers are: Patron, Dr A.W.B. Powell; Vice-Patrons, Prof. J.E. Morton, Mr W.O. Cernohorsky; President, Mr R.C. Grange; Corresponding Secretaries, Mrs P. Town, Mrs E.T. Grange; Minute Secretary, Mrs D. Hole; Treasurer, Mr S. Town.

R.C. GRANGE

Maritime Section

During the past year the Society has maintained its policy of meeting monthly (except in December), for an evening programme. One social evening, the annual dinner, was held and two excursions were organised. Regular supportive committee meetings have also taken place, and a monthly newsletter is produced. Membership stands at 180, and the financial position is satisfactory, though with continuing increases in costs, the Committee will inevitably be faced with making a decision as to whether to recommend increased subscription fees.

Evening programmes are summarised as follows: — Films were screened after the Annual General Meeting in May; and also in November. Featured Shipping Company was Huddart Parker Line, in April. Slides were used as support for talks in June (Cruising in the Caribbean); in February (The Inland Passage to Alaska); and in September (The Baltic-North Sea sailing-ship races). Members' slides occupied the whole of the January programme. Talks were given in July, (Captain David McMichael, former master of nuclear-powered ship *Savannah*), in August (Captain Jon Torgeson of East Asiatic Line) and in October (Mr Barrie Hickman, Passenger Manager of P & O Line, on cruising). At the March meeting the Upper Harbour shipping was featured, a number of members joining in to provide the programme, supported by historic photographs, and a few slides.

A trip by bus to Marsden Point in November was not well supported but those who did make the journey were rewarded by a day full of maritime interest, including a visit to Northland Harbour Board's deep-sea tug "Parahaki", as well as the Board's Control Tower. A launch trip to Riverhead and the upper harbour, in March, was extremely successful in every way, being well supported by members and friends.

Unfortunately we suffered the loss of two valued committee members who had provided strong support. On 15th May 1980, Miss Marie George, a former Treasurer, died very suddenly, and on 6th November 1980, our former Secretary (May 1969 until May 1979), Cliff Furniss, also passed away. The loss of these two stalwarts was very keenly felt. In November we were again saddened by the death of an enthusiastic and long-time member, in the person of Mrs Mary Potter.

Office bearers are: Patron, Captain G.W. Dunsford (2-year term); Chairman, Mr J. Stone; Secretary, Mr W.G. Perkins; Treasurer, Mr D. Meehan; Committee, Mrs H. Stone, Messrs W. Laxon, N. Baker, S. Baker, R. Hawkins, and C. Furniss (now Dec'd), Messrs R. Densem, D. Brigham (co-opted).

W.G. PERKINS

STAFF PUBLICATIONS

April 1980 to March 1981

Scientific

BANGERTE, E.B.

- 1980 New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium. 6. *Rec. Auckland Inst. Mus.* 17: 97-104.

BOILEAU, Joanna

- 1980 The artefact assemblage from the Opito beach midden, N 40/3, Coromandel Peninsula. *Rec. Auckland Inst. Mus.* 17: 65-95.

CERNOHORSKY, W.O.

- 1980 *Mitra lacunosa* Reeve. *Hawaiian Shell News* 28(5): 3.
1980 An old invalid name for *Oliva subulata*. *Hawaiian Shell News* 28(7): 12.
1980 Thaididae (Gastropoda): Proposed amendment of entry in the Official List of Family-group Names in Zoology. Z.N.(S.) 2307. *Bull. zool. Nomencl.* 37(3): 148.
1980 *Voluta papilio* Link, 1807 (Gastropoda): proposed conservation. Z.N.(S.) 1777. *Bull. zool. Nomencl.* 37(3): 149-151.
1980 Taxonomic notes on Polynesian Mollusca with descriptions of new species of Nassariidae. *Rec. Auckland Inst. Mus.* 17: 113-125.
1980 Systematics of some West Pacific *Lyria* (Mollusca:Volutidae) with description of a new species. *Rec. Auckland Inst. Mus.* 17: 127-134.
1980 The taxonomy of some Indo-Pacific Mollusca. Part 8. *Rec. Auckland Inst. Mus.* 17: 135-152.

CERNOHORSKY, W.O. R.C. WILLAN, B.A. MARSHALL, F.M. CLIMO and —

- 1980 Rectification of nomenclature for *Melagraphia aethiops* (Gmelin) and *Diloma bicanaliculata* (Dunker) (Mollusca: Trochidae). *N.Z. J. Mar. & Freshw. Res.* 14(4): 413-415.

FOX, Aileen

- 1980 Otatara pa: archaeology and Maori tradition in Hawke's Bay. *N.Z. Archaeol. Ass. Newsl.* 23: 235-240.

PRICKETT, Nigel

- 1980 Maori fortifications of the Omata and Oakura districts, Taranaki. *Rec. Auckland Inst. Mus.* 17: 1-48.

REED, Sylvia

- 1980 Food of long-tailed cuckoo. *Notornis* 27: 96.
1980 Glossy ibis among South Island pied oystercatchers. *Notornis* 27: 124.

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SIMMONS, D.R.

- 1980 Some dendroglyph styles in the Chatham Islands. *Rec. Auckland Inst. Mus.* 17: 49-63.
- 1980 The Art of Moko. In H. Sangl *The Blue Privilege*. Collins, Auckland. pp. 85-95.
- 1980 'Kia Kaha, Kia Toa, Kia Tangata'. A short history of New Zealand Maori carving. *New Zealand Quarterly* No. 3. 1980: 13-15.
- 1980 "Tangata" (Japanese text). *New Zealand Quarterly*, Tokyo.
- 1980 *The Creation Myth and the origin of Auckland's volcanoes* (in English and Maori). Auckland Museum. 4p.

STEPHENSON, A.B.

- 1980 *Aega angustata* Whitelegge, 1901, (Isopoda: Aegidae), a new record for New Zealand waters. *Rec. Auckland Inst. Mus.* 17: 153-155.

WISE, K.A.J.

- 1980 Monarch butterfly dispersal in New Zealand. *Rec. Auckland Inst. Mus.* 17: 157-173.
- 1980 Records of South Pacific dragonflies (Hexapoda: Odonata). *Rec. Auckland Inst. Mus.* 17: 175-178.

WRIGHT, A.E.

- 1980 Vegetation and flora of the Cavalli Islands (except Motukawanui), northern New Zealand. *Tane* 25: 61-100.
- 1980 Vascular flora of Motukawanui Island, Cavalli Group, northern New Zealand. *Tane* 25: 101-107.

WRIGHT, A.E. B.W. HAYWARD, P.R. MOORE, G.F. PUCH, E.G. ATWELL and —

- 1980 Archaeological sites on the Cavalli Islands, northern New Zealand. *Tane* 25: 157-172.

General

PARK, G.S.

- 1980 Review of 'Artificial curiosities' by A.L. Kaeppler. *J. Polynes. Soc.* 88(3): 351-352.
- 1980 Chinese coins in New Zealand. *N.Z. Numismatic J.* 15(2): 55-61.

SIMMONS, D.R.

- 1980 Review of 'Symbols of sovereignty: feather girdles of Tahiti and Hawaii' by Roger G. Rose. *J. Polynes. Soc.* 88(4): 475-477.
- 1980 Review of 'Cook Voyage artefacts in Leningrad, Berne and Florence Museums' by Adrienne L. Kappler. *J. Polynes. Soc.* 88(4): 477-478.
- 1980 Review of 'Te Rauparaha: a new perspective' by Patricia Burns. *N.Z. Herald*.
- 1980 Review of 'Eruera: the teachings of a Maori elder' by Eruera Stirling & Anne Salmond. *N.Z. Herald*.

RECENT BENEFACTORS OF THE AUCKLAND INSTITUTE AND MUSEUM

(A complete list since 1876 last appeared in the Annual Report for 1979-80)

MONETARY GIFTS

- 1970 **Sir John Logan Campbell Trust:** \$2,000 to assist with the installation of Hall of New Zealand Birds.
Auckland Savings Bank: \$1,000 to provide equipment for the Marine Biology Department and for lighting in entomological displays.
Mrs M. Brien: Bequeathed \$200.
Mr J.A.B. Hellaby: Bequeathed \$2,000.
Miss I.T. Stennett: Bequeathed \$2,007.
Mr N.R.W. Thomas: Bequeathed \$200.
- 1971 **Sir John Logan Campbell Trust:** \$4,000 towards Hall of New Zealand Birds.
Auckland Savings Bank: \$1,000 towards Hall of New Zealand Birds.
Mrs M.J. Clare: Bequeathed \$500.
Mrs M. Hemingway: Donation of \$200 for entomological collection maintenance.
- 1972 **Sir John Logan Campbell Trust:** \$4,300 towards Hall of New Zealand Birds.
Auckland Savings Bank: \$3,500 towards Hall of New Zealand Birds.
Mr John Seabrook, C.M.G.: \$450 for sound equipment in Hall of New Zealand Birds.
Auckland Maritime Society: \$175 for renovation of ship models.
F.E. Jackson and Co. Ltd.: Donation of \$100.
- 1973 **Mr C.E. Disney:** \$7,200 to establish a Hall of English Furniture.
Sir John Logan Campbell Trust: \$4,000 for improvements to the Special Exhibition Hall.
Auckland Savings Bank: \$2,500 towards the Hall of New Zealand Birds.
Miss Edith McLeod: Bequeathed \$4,348.
Mrs M. Hemingway: Donation of \$200 for entomological collection maintenance.
- 1974 **Sir John Logan Campbell Trust:** \$4,000 for installation of acoustic ceiling in Hall of New Zealand Birds.
Auckland Savings Bank: \$2,500 for mobile shelving in Cheeseman Herbarium.
Mrs C.R. Ford: \$100 for display case to house the C.R. Ford Antarctic Collection.
Sir William Goodfellow: \$100 for display case to house the C.R. Ford Antarctic Collection.
- 1975 **Auckland Savings Bank:** \$3,000 towards Coffee Lounge extensions.
Miss R.B. Hellaby: Bequeathed \$2,000.
Kensington Carpets N.Z. Ltd: \$200 for research activities.
Sir John Logan Campbell Trust: \$5,000 for new lighting in the Maori Court, and purchase of items for the Maori and contemporary ceramics collections.

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- 1976 **Auckland Savings Bank:** \$3,000 towards publication costs of Bulletin No. 10, 'Taxonomic Revisions in the Family Haloragaceae', by A.E. Orchard.
- Mr C.J. Shaw:** Bequest of \$2,000 as an endowment for the purchase of natural history and ethnographical specimens.
- Sir John Logan Campbell Trust:** \$25,000 towards Building Restoration and Window Replacement Fund.
- Mr K.E. Sutcliffe:** \$100 for Library requirements.
- 1977 **Auckland Savings Bank:** \$5,000 towards Window Replacement Appeal Fund.
- Mr C.V. Houghton residuary estate:** \$600.
- Sir John Logan Campbell Trust:** \$5,000 as first instalment of a total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
- 1978 **Auckland Savings Bank:** \$4,000 towards installation of wheelchair ramp.
- Mr R. Court:** Cost of curtaining in Hall of Pacific, including installation.
- R.T. Sheppard and Co. Ltd:** \$500 for research activities.
- Sir John Logan Campbell Trust:** \$15,000 as second instalment of a total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
- 1979 **Auckland Savings Bank:** \$4,000 for audio-visual introduction to Hall of the Pacific and towards the cost of installing further mobile shelving in Herbarium.
- Corbans Holdings Ltd:** \$500 towards cataloguing and housing costs relating to the Corban family archives.
- Miss J.H.G. Gollan:** Bequest of \$203.
- New Zealand Law Society:** Donation of \$500.
- Sir John Logan Campbell Trust:** \$15,000 as third instalment of a total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
- Dr Lucy Cranwell Smith:** \$4,000 towards the publication costs of *The Botany of Auckland*.
- 1980 **Auckland Savings Bank:** \$4,000 for modifications to Maori Court display cases.
- Sir John Logan Campbell Trust:** \$16,000 as final instalment of a gift of \$51,000 towards the 'Auckland Landscapes — Past and Future' installation.
- W.L. Cooke and family:** A property valued at over \$55,000, the income to be used for library purposes.
- Miss R.M. Peek:** Bequest of \$3,100.
- D.F. Whitmore:** Bequest of \$500.
- 1981 **Auckland Savings Bank:** \$4,000 for care and storage of collections.
- Sir John Logan Campbell Trust:** A further grant of \$9,000 towards 'Auckland Landscapes — Past and Future'.
- Miss A.Z. Dixon:** Bequest of over \$50,000.
- Mr E.F. Hilton:** Bequest of over \$23,000 for the purchase and display of shells.

New Zealand Insurance Co. Ltd: \$20,000 for the film for 'Auckland Landscapes'.

Smith and Caughey Ltd: Donation of \$5,000.

Mrs L.E. Worth: The C.H. Worth Memorial Fund of \$12,000.

SPECIMENS AND BOOKS

- 1971 **The Cozens family (per the Misses E.M. and E.L.A. Cozens):** Collection of Pacific ethnographic material collected by the late Captain G. Cozens.
Mrs M.M. Dunningham: Han Period painted water pot, 2nd century B.C.
- 1972 **The Rt Hon Sir Harold Barrowclough:** Portrait in oils by William Dargie.
Mr D.J. Quigley: Ngati Whatua door lintel, South Kaipara Head.
Mr Rewi Alley: Ch'eng Hua enamel bowl.
Mr R.V. Roberts: Collection of ornithological books and periodicals.
- 1973 **Mr E.M. Fenton:** 17 pieces of English pewter.
Dr C.A. Fleming: Set of Mathews 'Birds of Australia'.
Mrs C.R. Ford: Medals awarded to the late C. Reginald Ford — Polar Medal 1902-04, Royal Geographic Society Medal for Antarctic Discovery, George V Jubilee Medal. Antarctic equipment, papers and sketches.
Mr R. Henwood: Ngapuhi carved door post, Kaikohe.
Sir Leonard Isitt: Instrument of Surrender and other Documents relating to the Japanese surrender on 2nd September, 1945, signed on U.S.S. 'Missouri'.
Dr and Mrs B. Johns and family: Persian animal carpet.
- 1974 **Mr J.C. Fenton:** Comprehensive collection of English pewter; collection of English 17th and 18th century furniture and clocks.
Family of the late John Waldie: French provincial chest, Queen Anne table, Chinese punch bowl.
Mr C.G. Hall: Silver tea service, given in memory of the late John Waldie.
Mrs W.H. Ross-Lowe: English 18th century serpentine-fronted chest of drawers.
Royal New Zealand Yacht Squadron: First yacht of M Class, 'Mawhiti I'.
- 1975 **Mr A.G.W. Dunningham:** The Margaret M. Dunningham Collection, comprising material from India, Nepal, Tibet and South-East Asia.
Mr L.W. Tattersfield: Bolex 16 mm camera and accessory fittings; Leica 35 mm camera with set of lenses and accessories; general photographic equipment.
- 1976 **Mr T.E. Clark:** Han Dynasty 'hill jar'.
Mr A.G.W. Dunningham: For the Margaret M. Dunningham Collection four large Balinese folk art paintings.
Mr John Seabrook, C.M.G.: Propeller of World War I S.E.5A single seater fighter aircraft.
Samuel Vaile and Sons Ltd. (in commemoration of the firm's centenary): *Patu onewa* from the Thames district.
Mr G.A. Wooller: Comprehensive collection of African trade beads.

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- 1977 **Mr T.E. Clark:** Yuan Dynasty storage jar.
Mr A.G.W. Dunningham: For the Margaret M. Dunningham Collection, 43 Balinese items, including material from the Balinese Folk Art Exhibition 1974-75; additional items from India, China and Indonesia.
Miss J.H.G. Gollan: Bequeathed a 17th century sterling silver mug, Queen Anne sterling silver mug and Jean Gautier silver travelling watch.
Mr and Mrs G.F.A. Lewin: Bequeathed a collection of 18th century English table glass.
Mrs I. Worthy: Representative collection of Queensland and Great Barrier Reef Mollusca.
- 1978 **Professor J. Golson:** Extensive New Zealand archaeological collection.
- 1979 **Miss A.T.H.B. Cumming:** Victorian and Edwardian jewellery.
Dr E.C.S. Little: Chinese decorated silver presentation bowl.
Mr L. Wintle: Collections of Chinese enamels and ceramics, and of English china and glass.
- 1980 **Mr John Seabrook, C.M.G.:** A holograph letter of James Cook.
- 1981 **Mrs Mavis Bramley:** A collection of Maori artefacts from South Manukau.
Miss A.T.H.B. Cumming: A collection of eighteenth and nineteenth century silver and china.
Mr A.G.W. Dunningham: For the Margaret M. Dunningham Collection, nineteen items from the Balinese Folk Art Exhibition, 1974-75, and items from India, China and Indonesia.
Mr Dick Scott: A collection of material related to the New Zealand wine industry.

ACCESSIONS 1979-80

We are grateful to the following for the gift of items during the year:

Messrs: Dr J.D. Atkinson, S.J.L. Ball, B. Barry, J. Bean, J.S. Bracewell, J. Brown, R.B. Brown, A.M. Campbell, D.F. Campbell, L. Cappel, A. Cates, B.F. Darcey, G. Dingley, A.G.W. Dunningham, Cptn. Fairfax, Rev. W.R. Francis, A. Godding, C. Heagan, L.L. Heward, W.J. Hickey, R.H. Keely, B.H. Keene, L. King, R.H. Kleinpaste, A.N. MacFarlane, W.B. Meaclem, W. Millar, N. Munro, J. Orbell, G. Perkins, G. Platt, Dr W.N. Rogers, R.R. Rowe, D.R.F. Scott, N. Simmons, R. Slocombe, C. Smith, A.B. Stephenson, K. Tarlton, B.N. Tattle, S. Taylor, M.H. Tisdall, M. Uren, Rev. W.G. Vercoe, R.A. Warbrooke, C. Whyte, W.S. Wilson, R.J. Wolfe, Dr T.E. Woodward, R.S. Wright, K. Yamaguchi.

Mesdames: J.M. Ash, J.D. Atkinson, E.H. Ayrton, A. Barrett, B. Barry, B. Bisman, M. Black, E.J. Bloomfield, L. Bradford-Smith, H. Brown, E. Cable, M.R. Catt, J.R. Dart, L. Howe, J.S. Jaynes, V.T. Maclean, C. McConachy, L.F. Massicks, F. Nettleingham, J. Notton, J. O'Sullivan, J. Plunkett, N. Pountney, F. Redman, J.M. Robinson, C. Ross, S.M. Sharp, J.K. Smith, R.M. Strickland, E.J. Tizard, J.A. Waddington, D.R. Wakeman, R.A. Warbrooke, C.N. Weir, C.F. White, L.D. Whyte, W. Wilkinson, D. Wilson, W.D. Wood.

Misses: M.M. Atkinson, E.J. Clarke, A.T.H.B. Cumming, A.M. Earl, G. Francis, P. Gallagher, B. Groth, J. Goulding, S. McGregor, M.H. Mettner, V. Montgomery, K. O'Keeffe, M. Patton, J.H. Small, A.C. Webster, V. Williams.

Storm killed, accidentally killed and cage birds:

Messrs: B.R. Cathie, Rev. R.J. Fenton, Sir Charles Fleming, F.J. Gallacher, M.F. Graham, S. Hall, T.J. Horner, B.D. Jones, P. Jones, E. Leman, A. McPherson, D. Reed, G. Richardson, R.W. Rowe, B. Silan, K. Slattery, W.C. Smart, H. Warburton.

Mesdames: I.G. Bosley, M. Dodswell, J.P. Donaghy, F.J. Gallacher, E. Jackson, E. Leman, A. McKenzie, N. Maurice, A. Nuimata, C. Peak, R.W. Rowe, S. Smith, A. Wilson.

Library gifts:

Messrs: C. Alldritt, E.B. Bangerter, J.E. Bellingham, A.R. Burns, J.A.S. Burns, A.B. Carnie, H.E. Carver, A. Cates, Rev. Dr A.B. Catley, H. Charan, T. Coker, R.E. Combes, G.R. Craddock, P.L. van Dijk, G. Dingley, W.F. Edwards, J.S. Ensor, A.R. Finn, Sir C.A. Fleming, B. Fletcher, J.W. Frogley, C.E. Galbraith, S.G. Haddon, Rev. E.W. Hames,

AIM Ann Report 1980 to 1981

D. Hardy, D. Harris, D.A. Harris, C.H. Hirst, J. Holloway, W.A. Laxon, N.W. Leaf, J.R. Leonard, Major F.W. Lindley, E.C.S. Little, T.J. Loney, Mr and Mrs V. Lorrigan, J.A. McCabe, A.I. MacCulloch, J.R. McMillin, the family of the late P.C. Mathews, Mr and Mrs L.S. Montgomerie, P. Osborne, W.R.S. Owen, E.B. Paterson, R. Pegler, F.L. Phillips, W.A. Philson, P. Potter, A.S. Reed, Dr E.H. Roche, J.H. Rose, W. Scarborough, R.G. Scott, T. Scott, R.B. Sibson, C.C. Stewart, Professor R.C.J. Stone, D. Strang, J.H. Sutherland, Dr M.J. Taylor, E.G. Turbott, A.C. Wall, Lt. Col. T.C. Wallace, P.K. Warren, J.P. Webster, R. Wilkins, Mr and Mrs R.J. Williams, Dr S. Williams, A.E. Wright, R. Young.

Mesdames: N.V. Arthur, K.P. Brant, E.O.M. Brett, Dr E.O. Campbell, E. Cheal, E. Clarkson, S.R. Collins, E.M. Elwell, R. Field, R.M. Fletcher, E. Gane, M.S. Griffiths, M.A. Hall, K.F. Hayman, T. Hayward, V.M. Henry, E. Hirst, N. Inglis, K. F. Jones, E. Lester, A. Loose, M. Luckhurst, M. MacDonald, W. MacDonald, A. Maguire, G.A. Manning, L. Marshall, M.A. Mitchell, A.C. Moon, E. Moons, A.L. de B. Noakes, F.N. Orange, N. Phillips, S. Reed, H. Reid, Dr T.P. Riordan, S.I.R. Robertson, M.O. Rule, P. Sayes, M. Scale, F.M. Sellers, D.G. Snell, E. Stewart, M. Taylor, C. White, J. Williams, P.C. Williams, N.C. Wilson, E.M. Woolf, M. Ziman.

Misses: M.M. Atkinson, N.R. Bamford, M.G. Caldwell, L.S. Candy, E. Clark, I.M.F. Currie, B. Dingle, J.H. Goulding, F. Hass, B.A. Jackson, F.L. Johnston, J. Jonson, K.M. McCaul, M. McCormick, V. Montgomery, M.G. Paterson, I. Stevens, R. Watson, R.J. Wilson.

AUCKLAND INSTITUTE AND MUSEUM

BALANCE SHEET AS AT 31st MARCH 1981

| LIABILITIES | | 1981 | 1980 |
|---|-----------|--------------------|--------------------|
| | | \$ | \$ |
| Current Liabilities — | | | |
| Sundry Creditors | 79,466 | | 95,122 |
| Subscriptions in Advance | 580 | | 216 |
| | | 80,046 | 95,338 |
| Trusts and Endowments — | | | |
| As per Statement: | | | |
| Trusts | 704,493 | | 666,876 |
| General Endowments | 54,992 | | 47,332 |
| | | 759,485 | 714,208 |
| Reserves, Gifts, Grants and Provisions — | | | |
| As per Statement | | 291,067 | 239,350 |
| Capital — | | | |
| Balance 1st April | 2,791,661 | | 2,662,214 |
| Add Additions during year | 118,683 | | 129,447 |
| | 2,910,344 | | 2,791,661 |
| Less/Add Balance Appropriation Account | 703 | | 49,933 |
| | | 2,909,641 | 2,841,594 |
| | | <u>\$4,040,239</u> | <u>\$3,890,490</u> |
| | | | |
| | | <u>\$4,040,239</u> | <u>\$3,890,490</u> |
| | | | |
| ASSETS | | 1981 | 1980 |
| | | \$ | \$ |
| Current Assets — | | | |
| Cash in Hand | 2,445 | | 2,445 |
| Cash at Banks | 91,893 | | 25,869 |
| Sundry Debtors and Prepayments | 79,123 | | 44,597 |
| Subscriptions in Arrear | 410 | | 503 |
| Stock in Hand | 155,222 | | 142,991 |
| | | 329,093 | 216,405 |
| Investments, at cost — | | | |
| Auckland Savings Bank, Term Deposit | 17,000 | | 17,000 |
| Bank of New Zealand, Term Deposit | 35,145 | | 119,167 |
| Australian Commonwealth Stock | 5,072 | | 4,583 |
| Local Authority Stock | 77,499 | | 100,199 |
| New Zealand Government Inscribed Stock | 41,874 | | 42,874 |
| Shares in Companies | 28,902 | | 4,491 |
| Freehold Properties | 595,310 | | 594,110 |
| | | 800,802 | 882,424 |
| Fixed Assets, at cost — | | | |
| Buildings | 1,552,781 | | 1,552,781 |
| Collections | 541,600 | | 520,795 |
| Displays | 162,535 | | 110,270 |
| Equipment, Tools, etc. | 65,344 | | 55,402 |
| Furniture and Fittings | 229,769 | | 224,519 |
| Library | 354,480 | | 324,059 |
| Motor Vehicles | 3,835 | | 3,835 |
| | | 2,910,344 | 2,791,661 |
| | | <u>\$4,040,239</u> | <u>\$3,890,490</u> |

G.S. PARK,
Treasurer.

AIM Ann Report
1980 to 1981

AUCKLAND INSTITUTE AND MUSEUM

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 1981

| EXPENDITURE | | 1981 | 1980 |
|---|---------------|---------|----------------|
| | | \$ | \$ |
| Salaries and Wages | 565,447 | | 472,517 |
| Retiring Allowances | 12,687 | | 20,864 |
| Superannuation | 26,930 | | 24,042 |
| Non-Taxable Allowances | <u>7,421</u> | | <u>6,898</u> |
| | | 612,485 | <u>524,321</u> |
| Administration Expenses — | | | |
| Audit Fee | 2,486 | | 1,704 |
| Cleaning, Laundry and Custodial .. | 9,204 | | 8,067 |
| Councillors' Travelling | 776 | | 776 |
| Freight and Cartage | 929 | | 331 |
| General | 7,477 | | 7,177 |
| Heating, Lighting and Water | 13,181 | | 13,519 |
| Insurance | 6,734 | | 5,938 |
| Legal Fees | 6,679 | | 129 |
| Postages, Telephones and | | | |
| Intercom | 12,025 | | 9,544 |
| Printing and Stationery | 14,837 | | 13,945 |
| Rates — Auckland City Council | 14,419 | | 14,015 |
| Staff Removal | | | 2,206 |
| Travelling | <u>2,456</u> | | <u>3,489</u> |
| | | 91,203 | <u>80,840</u> |
| Preservation and Display — | | | |
| Conservation Unit — Materials and | | | |
| Expenses | 146 | | 1,033 |
| Preservation Materials | 1,840 | | 1,165 |
| Preparation and Taxidermy | 3,145 | | 3,226 |
| Extension Service | 3,877 | | 3,358 |
| Special Exhibitions | 2,171 | | 2,342 |
| Photography | <u>1,877</u> | | <u>1,624</u> |
| | | 13,056 | <u>12,748</u> |
| Institute — | | | |
| Expenses | 6,082 | | 5,935 |
| Subscriptions Written Off | <u>412</u> | | <u>850</u> |
| | | 6,494 | <u>6,785</u> |
| Repairs and Maintenance — | | | |
| Building | 2,265 | | 4,257 |
| Electrical Fittings | 6,857 | | 7,701 |
| Showcases and Furniture | 1,861 | | 6,393 |
| Equipment and General | 1,966 | | 1,628 |
| Windows | <u>16,000</u> | | <u>10,079</u> |
| | | 28,949 | <u>29,958</u> |
| INCOME | | 1981 | 1980 |
| | | \$ | \$ |
| Contributions from Local Authorities — | | | |
| Metropolitan and Provincial | | | |
| Statutory | 619,112 | | 606,000 |
| Provincial Voluntary | <u>—</u> | | <u>4,182</u> |
| | | 619,112 | <u>610,182</u> |
| Subscriptions — | | | |
| Life Members | 3,480 | | 1,640 |
| Annual | <u>5,873</u> | | <u>5,813</u> |
| | | 9,353 | <u>7,453</u> |
| Donations — | | | |
| Miscellaneous | | 979 | 1,667 |
| Rent, Interest and Dividends — | | | |
| Trusts | 1,976 | | 1,976 |
| General Endowments | 1,912 | | 2,976 |
| General Funds | <u>23,561</u> | | <u>20,525</u> |
| | | 27,449 | <u>25,477</u> |
| Income from Sales and Services — | | | |
| Auditorium, net | 1,432 | | — |
| Coffee Lounge, net | 30,591 | | 26,230 |
| Exhibition Hall | 1,315 | | 341 |
| Planetarium | 3,767 | | 4,083 |
| Publications | 3,165 | | 9,276 |
| Shop, net | 42,216 | | 40,416 |
| Special Exhibitions and Sundry | <u>1,021</u> | | <u>77</u> |
| | | 83,507 | <u>80,423</u> |

| | | |
|---------------------------------|-------|-------|
| Expenses | 6,082 | 5,935 |
| Subscriptions Written Off | 412 | 850 |
| | 6,494 | 6,785 |

| | | |
|----------------------------------|--------|--------|
| Repairs and Maintenance — | | |
| Building | 2,265 | 4,257 |
| Electrical Fittings | 6,857 | 7,701 |
| Showcases and Furniture | 1,861 | 6,393 |
| Equipment and General | 1,966 | 1,628 |
| Windows | 16,000 | — |
| | 28,949 | 19,979 |

| | | |
|-----------------------------|---|-----|
| Sales and Services — | | |
| Auditorium, net | — | 393 |

| | | |
|--|-----------|-----------|
| Unauthorised Expenditure — | | |
| Entertainment of Guests etc. | 205 | 145 |
| Balance transferred to Appropriation Account | — | 79,991 |
| | \$752,392 | \$725,202 |

| | | |
|--|-----------|-----------|
| Balance transferred to Appropriation Account | 11,992 | — |
| | \$752,392 | \$725,202 |

APPROPRIATION ACCOUNT FOR THE YEAR ENDED 31st MARCH 1981

| | 1981 | 1980 |
|---|-----------|-----------|
| | \$ | \$ |
| Balance from Income and Expenditure Account | 11,992 | — |
| Capital Expenditure from Revenue | 17,965 | 23,806 |
| Capital Expenditure from Reserves, etc. | 70,258 | 79,104 |
| Capital Expenditure from Trusts | 2,515 | 1,054 |
| Auckland Landscapes Exhibition | 10,000 | — |
| General Endowment | 2,000 | — |
| Life Members' Subscription Endowment | 3,480 | 1,640 |
| Publications Reserve | 3,165 | 9,276 |
| Specimen Purchase Fund | 3,500 | 3,500 |
| Loss on Realisation of L.A. Stock | — | 111 |
| Balance carried down | — | 49,933 |
| | \$124,875 | \$168,424 |

| | 1981 | 1980 |
|---|-----------|-----------|
| | \$ | \$ |
| Balance as at 1st April | 49,933 | 6,851 |
| Balance from Income and Expenditure Account | — | 79,991 |
| Transfers from — | | |
| Trusts | | |
| L.J. Ayre — Philately | 32 | 96 |
| W.L. Cooke Family — Library | 1,500 | — |
| J.C. Entrican — Numismatics | 484 | — |
| Mackechnie — Library | 500 | — |
| Janet McLennan — School Service | — | 358 |
| Bertha Wilson — Cinematography | — | 600 |
| Reserves, Gifts, Grants etc. | | |
| Auckland Savings Bank — | | |
| Conservation and Entomology Storage | 2,142 | — |
| Depreciation of Auditorium Assets | 967 | — |
| Depreciation of Shop Assets | 1,189 | 831 |
| Depreciation of Coffee Lounge Assets | 5,104 | 932 |
| Disney Fund — Specimens | 3,951 | 3,567 |
| Exhibition, Auckland Landscapes — | | |
| Sir John Logan Campbell Trust | 9,000 | 34,023 |
| Auckland City Council, Other Authorities, and General | 43,265 | 27,655 |
| Government Grant — Fumigation Unit | — | 3,000 |
| Members' Library Purposes Fund | 170 | 2,464 |
| Members' Specimen Purchase Fund | 800 | — |
| Scientific Research Dist. Committee | — | — |
| Entomology Grant | — | 3,626 |
| Specimen Purchase Fund | 3,669 | 3,007 |
| Capital Gain on Share Issue | — | 362 |
| Exchange Gain on Overseas Investments | 1,466 | 1,061 |
| Balance carried down | 703 | — |
| | \$124,875 | \$168,424 |

**AIM Ann Report
1980 to 1981**

STATEMENT OF TRUSTS: SPECIFIC AND GENERAL ENDOWMENTS: RESERVES, GIFTS, GRANTS AND PROVISIONS

| Description | Capital Balance 1/4/80 | Income Balance 1/4/80 | Interest | Other Receipts | Detail | Total Income | Payments | Detail | Income Balance 31/3/81 | Capital Balance 31/3/81 | Total Balance |
|--|------------------------------|-----------------------------|----------|-------------------|-------------|-----------------|-----------|------------|------------------------------|-------------------------------|------------------|
| TRUSTS | | | | | | | | | | | |
| Accumulating Endowment | 2,972.35 | | 182.51 | | | 182.51 | | | | 3,154.86 | 3,154.86 |
| H.G. Atkinson — Research | 1,478.48 | | 103.49 | | | 103.49 | | | 752.41 | 1,478.48 | 2,230.89 |
| L.J. Ayre — Philately | 1,777.92 | 648.92 | 124.46 | | | 124.46 | 31.83 | Appn. A/c. | 422.62 | 1,777.92 | 2,200.54 |
| W.L. Cooke Family — Library | 53,000.00 | | | 1,643.40 | Net Rent | 1,643.40 | 1,500.00 | Appn. A/c. | 143.40 | 53,000.00 | 53,143.40 |
| J.C. Enticran — Numismatics | 2,000.00 | 1,418.05 | 140.00 | | | 140.00 | 483.55 | Appn. A/c. | 1,074.50 | 2,000.00 | 3,074.50 |
| E.F. Hilton — Malacology | | | | 24,383.59 | Capital | 24,383.59 | | | | 24,383.59 | 24,383.59 |
| Mackechnie — Library | 4,000.00 | 560.00 | 280.00 | | | 280.00 | 500.00 | Appn. A/c. | 340.00 | 4,000.00 | 4,340.00 |
| Janet McLennan — School Service | 2,000.00 | 1,151.03 | 140.00 | | | 140.00 | 72.83 | S/Service | 1,218.20 | 2,000.00 | 3,218.20 |
| Mitchelson Prize | 400.00 | 357.81 | | | | 28.00 | | | 385.81 | 400.00 | 785.81 |
| Museum Endowment | 28,232.44 | | 1,976.27 | 174.36 | Capital | 2,150.63 | 1,976.27 | I & E A/c. | | 28,406.80 | 28,406.80 |
| Pond Cheeseman Bequest — Commemoration Prize | 290.00 | 226.27 | 20.30 | | | 20.30 | | | 246.57 | 290.00 | 536.57 |
| Sir Carrick Robertson — Research | 1,200.00 | 958.18 | 84.00 | | | 84.00 | | | 1,042.18 | 1,200.00 | 2,242.18 |
| C.J. Shaw — Natural History and Ethnology Purchases | 2,000.00 | 577.53 | 140.00 | | | 140.00 | | | 717.53 | 2,000.00 | 2,717.53 |
| Edward Earle Vaile — Ethnology, Library | 512,511.58 | 11,392.55 | 2,669.45 | 54,709.94 | Rents | 57,379.39 | 63,011.41 | Vaile A/c. | | | |
| | | | | 27,549.36 | Obsol. Fund | 27,549.36 | | | 5,760.53 | 540,060.94 | 545,821.47 |
| Vaile Obsolence Fund | 27,549.36 | | | 5,973.00 | Dep'n. | 5,973.00 | 27,549.36 | Cap. A/c. | | 5,973.00 | 5,973.00 |
| Bertha Wilson — Cinematography | 4,000.00 | 3,506.36 | 280.00 | | | 280.00 | | | 3,786.36 | 4,000.00 | 7,786.36 |
| Bertha Wilson — Photography | 2,000.00 | 337.15 | 140.00 | | | 140.00 | | | 477.15 | 2,000.00 | 2,477.15 |
| C.H. Worth Memorial — Research | | | | 12,000.00 | Capital | 12,000.00 | | | | 12,000.00 | 12,000.00 |
| | 645,412.13 | 21,463.84 | 6,308.48 | 126,433.65 | | 132,742.13 | 95,125.25 | | 16,367.26 | 688,125.59 | 704,492.85 |
| GENERAL ENDOWMENTS | | | | | | | | | | | |
| General Endowment | 4,100.00 | | 287.00 | 2,000.00 | Appn. A/c. | 2,287.00 | | | | 6,387.00 | 6,387.00 |
| Eleanor L. Helliaby Bequest | 10,141.10 | | 709.88 | | | 709.88 | | | | 10,850.98 | 10,850.98 |
| Rose B. Helliaby Bequest | 2,000.00 | | 140.00 | | | 140.00 | | | | 2,140.00 | 2,140.00 |
| Houghton Bequest | 600.19 | | 42.01 | | | 42.01 | | | | 642.20 | 642.20 |
| Rita M. Peek Bequest | 3,173.79 | | 222.17 | 778.80 | Capital | 1,000.97 | | | | 4,174.76 | 4,174.76 |
| Life Members' Subscriptions | 27,316.64 | | 1,912.16 | 3,480.00 | Subs. | 5,392.16 | 1,912.16 | I & E A/c. | | 30,796.64 | 30,796.64 |
| | 47,331.72 | | 3,313.22 | 6,258.80 | | 9,572.02 | 1,912.16 | | | 54,991.58 | 54,991.58 |

| | | | | | | | | | |
|--|-----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| | 27,316.04 | 1,912.70 | 3,468.66 | 5,069.76 | 5,952.70 | 1,912.70 | 4,222.70 | 54,991.58 | 54,991.58 |
|--|-----------|----------|----------|----------|----------|----------|----------|-----------|-----------|

| RESERVES, GIFTS, GRANTS AND PROVISIONS | | | | | | | | | |
|--|---------------------|-----------------|------------------------------------|---|----------------------------|-----------------------------------|--|-----------------------|-----------------------|
| Auckland Savings Bank — Conservation and Entomology Storage Building Maintenance | 51,067.07 | 3,574.69 | 4,000.00 | Cap. Grant | 4,000.00 3,574.69 | 2,141.55 17,000.00 2,200.00 | Appn. A/c. Window Mtce. R & M A/c. | 1,858.45 35,441.76 | 1,858.45 35,441.76 |
| Exhibition, Auckland's Environment — Sir John Logan Campbell Trust Auckland City Council, Other Authorities and General | — 1,010.00 | — 70.70 | 9,000.00 10,000.00 40,867.00 | Cap. Grant Appn. A/c. Grants etc. | 9,000.00 — 50,937.70 | 9,000.00 — 43,265.21 | Appn. A/c. — Appn. A/c. | — — 8,682.49 | — — 8,682.49 |
| Clinch — Photographic Equipment | 52.70 | 3.69 | — | — | 3.69 | — | — | 56.39 | 56.39 |
| Depreciation of Investments | 1,714.66 | 120.03 | — | — | 120.03 | — | — | 1,834.69 | 1,834.69 |
| Depreciation of Auditorium Assets | 12,785.13 | 894.96 | 1,000.00 | Dep'n. | 1,894.96 | 967.38 | Appn. A/c. | 13,712.71 | 13,712.71 |
| Depreciation of Coffee Lounge Assets | 13,382.04 | 936.74 | 3,369.66 | Dep'n. | 4,306.40 | 5,104.38 | Appn. A/c. | — | — |
| Depreciation of Shop Assets | 11,493.72 | 804.56 | 1,755.81 | Dep'n. | 2,560.37 | 15.60 | Appn. A/c. | 12,568.46 | 12,568.46 |
| Depreciation of Motor Vehicles | 15,518.44 | 1,086.29 | 750.00 | Dep'n. | 1,836.29 | 1,188.73 | Appn. A/c. | 12,865.36 | 12,865.36 |
| Educational Publications | 7,071.13 | 494.98 | — | — | 494.98 | 4,442.45 | Publn. A/c. | 17,354.73 | 17,354.73 |
| Educational Service Grants — Oceans Society, McKenzie Foundation | — | — | 680.00 | Grants | 680.00 | 54.30 | S/Service | 3,123.66 | 3,123.66 |
| Government Grants — Conservation Programme 1979/80 Administration of Antiquities Act | 1,407.86 — | — — | — 4,000.00 | — Grant | — 4,000.00 | — 4,000.00 | — S & W A/c. | 625.70 1,407.86 | 625.70 1,407.86 |
| Horton — Geology | 430.15 | 30.11 | — | — | 30.11 | — | — | 460.26 | 460.26 |
| Lays — Ethnographic Specimens | 899.66 | 62.98 | — | — | 62.98 | — | — | 962.64 | 962.64 |
| Members' Library Purposes Fund | 3,316.37 | 232.15 | 2,888.50 | Donations | 3,120.65 | 170.00 | Appn. A/c. | 6,267.02 | 6,267.02 |
| Members' Specimen Purchase Fund | 2,110.81 | 147.76 | 929.00 | Donations | 1,076.76 | 800.00 | Appn. A/c. | 2,387.57 | 2,387.57 |
| Memorial Halls | 10,186.19 | 713.03 | 49.33 | Donations | 762.36 | — | — | 10,948.55 | 10,948.55 |
| Museum Display Development Fund — A.Z. Dixon Bequest | — 1,999.54 | — 139.97 | 56,824.11 | Bequest | 56,824.11 | — | — | 56,824.11 | 56,824.11 |
| Nuffield Grant | — | 8.46 | — | — | 139.97 | — | — | 2,139.51 | 2,139.51 |
| Oceanographic Grant | 120.90 | — | — | — | 8.46 | — | — | 129.36 | 129.36 |
| Publications Reserve | 50,629.32 | 3,544.05 | 3,165.31 | Publn. A/c. | 6,709.36 | — | — | 57,338.68 | 57,338.68 |
| Queen Elizabeth II Arts Council — Conservation Grant | 301.27 | 21.09 | — | — | 21.09 | 322.36 | Q.E. II A/c. | — | — |
| Reserve for Building Additions | 2,244.80 | 157.14 | — | — | 157.14 | — | — | 2,401.94 | 2,401.94 |
| Scientific Research Distribution Comm. — Entomology, Malacology | — | — | 2,500.00 | Rev. Grants | 2,500.00 | 2,500.00 | S.R.D.C. A/c. | — | — |
| Smith & Caughey Ltd. — Centennial Gift | — | — | 5,000.00 | Gift | 5,000.00 | — | — | 5,000.00 | 5,000.00 |
| Special Visitors' Fund | 930.00 | 65.10 | — | — | 65.10 | — | — | 995.10 | 995.10 |
| Specimen Purchase Fund | 992.53 | 69.48 | 3,500.00 | Appn. A/c. | — | 3,668.90 | Appn. A/c. | — | — |
| Mrs D.F. Kitching, Donation | — | — | 1,000.00 | Donation | 4,569.48 | 3,951.27 | Appn. A/c. | 1,893.11 | 1,893.11 |
| Specimen Purchase — Disney Fund | 129.76 | 9.08 | 5,255.17 | Grant | 5,264.25 | — | Appn. A/c. | 1,442.74 | 1,442.74 |
| Window Maintenance | 36,060.07 | 2,524.20 | 17,000.00 | Bldg. Mtce. | — | — | — | — | — |
| Window Replacement Fund | — | — | 16,000.00 | I & E A/c. | 35,524.20 | 47,791.16 | R & M A/c. | 23,793.11 | 23,793.11 |
| Sir John Logan Campbell Trust — Restoration of Stonework | 220.08 13,275.40 | 15.41 929.28 | 14,798.29 | Donations | 14,813.70 | 15,033.78 | R & M A/c. | — | — |
| | — | — | — | — | 929.28 | 5,653.68 | R & M A/c. | 8,551.00 | 8,551.00 |
| | 239,349.60 | 16,655.93 | 204,332.18 | | 220,988.11 | 169,270.75 | | 291,066.96 | 291,066.96 |

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT
(A summary of this account is included in the Statement of Trusts)

| | 1981 \$ | 1980 \$ | | 1981 \$ | 1980 \$ |
|--|-----------------|-----------------|---------------------------------|-----------------|-----------------|
| Capital Expenditure — | | | Rents Received | 54,710 | 31,425 |
| Collections | 11,901 | 11,869 | Less Expense — | | |
| Equipment | 116 | 438 | Commission | — | 2,785 |
| Library | <u>15,929</u> | <u>13,176</u> | Insurance | 62 | 366 |
| | 27,946 | <u>25,483</u> | Rates | — | 639 |
| Archaeology — | | | Repairs and Maintenance | 170 | 2,772 |
| Salary, Wages and Superannuation | 20,880 | 17,091 | Architect's Fees | — | 266 |
| Travelling, Field Expense & Sundry | <u>1,303</u> | <u>667</u> | Legal Fees | — | <u>150</u> |
| | 22,183 | <u>17,758</u> | | <u>232</u> | <u>6,978</u> |
| Valuation Fee etc. | — | 554 | Net Rents | 54,478 | 24,447 |
| Transfer to Obsolescence Fund | 5,973 | 400 | Interest and Dividends — | | |
| Interest on Obsolescence Fund | — | <u>1,776</u> | Term Deposit, Bank of N.Z. | — | 12,139 |
| | 5,973 | <u>2,730</u> | Local Authority Stock | 583 | 1,600 |
| Loss on realisation of investments | 6,678 | — | N.Z. Government Stock | 192 | 480 |
| Balance carried down | <u>5,760</u> | <u>11,393</u> | Trust Companies | 1,752 | 11,595 |
| | <u>\$68,540</u> | <u>\$57,364</u> | Dividends etc. | <u>142</u> | <u>1,745</u> |
| | | | | 2,669 | 27,559 |
| | | | Balance brought down | <u>11,393</u> | <u>5,358</u> |
| | | | | <u>\$68,540</u> | <u>\$57,364</u> |

AUCKLAND INSTITUTE AND MUSEUM

STATEMENT OF CHANGES IN FINANCIAL POSITION FOR THE YEAR ENDED 31st MARCH, 1981

FUNDS WERE PROVIDED:

(1) From Operations:—

General Funds

Items not involving movement of funds —

Depreciation

6,875

Transfer to Window Maintenance Reserve

16,000

22,875

Less Excess of Expenditure over Income

11,992

10,883

Special Funds

Donations and Bequests

247,454

Interest and Dividends

26,278

273,732

Less Expended on Operations

121,040

152,692

Total Funds from Operations

163,575

(2) From Other Sources:—

Realisation of Investments

81,622

Exchange gain on Overseas Investments

1,466

83,088

\$246,663

FUNDS WERE APPLIED TO:

Purchase of Fixed Assets

118,683

Increase in Net Current Assets

127,980

\$246,663

MOVEMENT IN NET CURRENT ASSETS

Increase:

Cash at Bank

66,024

Debtors and Prepayments

34,526

Stocks

12,231

Trade Creditors

15,656

128,437

Decrease:

Subscriptions in Arrears

93

Subscriptions in Advance

364

457

Increase in Net Current Assets

\$127,980

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AUCKLAND INSTITUTE AND MUSEUM NOTES TO THE ACCOUNTS FOR YEAR ENDED 31st MARCH, 1981

(1) STATEMENT OF ACCOUNTING POLICIES

These accounts have been prepared in accordance with general accounting principles recommended by the New Zealand Society of Accountants for the measurement and reporting of earnings and financial position on a historical cost basis.

The following particular accounting principles which materially affect the measurement of income, and of the overall financial position as disclosed by these financial statements, have been applied:—

(a) Stocks

Stocks in all instances are valued at the lower of cost or net realisable market value. Adequate provision has been made for obsolescence, deterioration, or damage.

(b) Investments

- (i) The book value of Shares and some Government and Local Authority Stocks represents the market value pertaining at the date of gift or bequest.
- (ii) Kent Street property is shown at the Government valuation at the date of the gift.
- (iii) Overseas investments, including bank balances, have been converted to New Zealand currency at rates of exchange ruling on 31st March, 1981.
- (iv) Other investments, including the Vaile Trust property at Wiri, are shown at cost.

(c) Fixed Assets

Fixed Assets are shown at cost in the balance sheet. Collections which have been donated or bequeathed to the Museum are not included due to the nature and impracticability of valuing such assets.

(d) Depreciation

- (i) Depreciation of Shop and Coffee Lounge assets has been provided for on a straight-line basis in accordance with the estimated economic lives of the assets, and transferred to Reserve.
- (ii) In the case of Motor Vehicle and Auditorium assets, a fixed amount is charged and set aside annually to Reserve to cover depreciation and eventual replacement of these assets.
- (iii) No depreciation is provided for the Building; instead, lump sum transfers, as determined by Council, are normally made each year to the Building Maintenance and Window Maintenance Reserves. (In the year under review, a transfer of \$16,000 was made to the Window Maintenance Reserve.)
- (iv) In line with Audit Dept. recommendations, the Museum Council has decided that, commencing with the 1981-82 financial year, an allowance for depreciation on a straight-line basis in accordance with the economic lives of the assets will be made on all Furniture and Fittings, Displays, Equipment and Tools where this is not already provided for.

- (v) Depreciation on the building in South Auckland recently purchased on behalf of the E.E. Vaile Trust has been provided for at standard rates on a straight-line basis.
- (e) **Trusts, Endowments etc.**
Funds received for special purposes are placed in a reserve, and recognised as income in the year in which such funds (or the interest arising from them) are spent.
- (f) **Income**
 - (i) Revenue from sales and services includes both cash and credit sales. Bad debts have been written off where appropriate.
 - (ii) Investment income is included on an accrual basis, except that interest received from sums on term deposit is recorded on a cash basis.

With the exception of subsections IV and V under the heading of "Depreciation", the above accounting policies are unchanged as compared with the previous year.

(2) **SALE OF SHARES**

Shares with a book value of \$2978, which were bequeathed to the Museum during the year, were in the process of sale as at 31 March 1981.

(3) **INCOME FROM GENERAL ENDOWMENTS**

Except in the case of Life Members Subscriptions (the interest from which under the Institute Rules shall be applied to the uses of the Institute and Museum) income from other General Endowments has been allowed to accumulate in the 1980-81 year.

REPORT OF THE AUDIT OFFICE

The Audit Office, having been appointed in terms of section 13, Auckland War Memorial Museum Maintenance Act 1979, has audited the accounts of the Auckland Institute and Museum.

The audit was conducted in accordance with generally accepted auditing standards and practices comprising such auditing procedures considered necessary in terms of section 25, Public Finance Act 1977 and included:

- a review of accounting procedures and controls
- examination and tests of accounting records and other supporting information.

All the information and explanations required have been obtained.

In the opinion of the Audit Office, the attached financial statements fairly reflect, in accordance with applicable accounting principles, the financial position as at 31 March, 1981 and the results of the financial operations for the year.

28 August 1981

I.S. Sivyer
for Controller and Auditor-General

AIM Ann Report 1980 to 1981

MEMBERS AUCKLAND INSTITUTE AND MUSEUM

HONORARY LIFE MEMBERS

- | | |
|--|---|
| Dr J.D. Atkinson, O.B.E., M.Agric. Sc. D.Sc., F.R.S.N.Z. | J.H. Rose, Esq., Q.S.O., LI.B. |
| T.E. Clark, Esq. | J. Seabrook, Esq., C.M.G., A.F.C. |
| C.E. Disney, Esq. | Mrs L. Cranwell Smith, M.A., D.Sc., F.L.S., F.R.S.N.Z. |
| J.C. Fenton, Esq. | W.B. Dixon Stroud, Esq. |
| Sir William Mackay, O.B.E., M.C. | Walter Taipari, Esq. |
| R.S. Milne, Esq., C.B.E. | E.G. Turbott, Esq., Q.S.O., M.Sc., F.M.A.N.Z. |
| Sir Kenneth B. Myers, M.B.E. | |
| Dr A.W.B. Powell, C.B.E., Hon.D.Sc., F.R.S.N.Z., F.M.A.N.Z. | |

LIFE MEMBERS

- | | |
|--|---|
| Adams, G.E. | Bell, E.A., B.Sc., B.E., A.M.I.C.E., F.N.Z.I.E., C.R.Ae.S. |
| Adams, L. | Bell, G.B., B.E., B.Sc., M.I.C.E., A.F.R.Ae.S. |
| Afford, R.N. | Bell, Mrs G.B., M.Sc. |
| Alexander, L.J. | Bellingham, J.E. |
| Alldritt, C. | Belsham, L.R., B.A. |
| Allen, Mrs F.G.H. | Bennett, Rev. D.M.T. |
| Allen, L.R., M.Sc., M.A., Ph.D. | Bieleski, R.L., M.Sc., Ph.D., F.R.S.N.Z. |
| Allman-Marchant, Miss M.E. | Bierre, N.W., Dip.Arch., A.N.Z.I.A. |
| Alward, Mrs E. | Bishop, Miss Brenda, M.A., B.Com. |
| Ambler, F.N., O.B.E. | Bishop, John J. |
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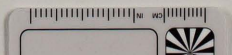
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